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THE LABOUR FORCE NEW SOUTH WALES

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**THE LABOUR FORCE
NEW SOUTH WALES
NOVEMBER 1990**

**JOHN WILSON
Deputy Commonwealth Statistician**

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- *ring Jeffrey Middleton on (02) 268 4212;*
- *call at the Australian Bureau of Statistics, St. Andrew's House, Sydney Square, Sydney;*
- *ring Information Services on (02) 268 4611; or*
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SUMMARY OF FINDINGS

Seasonally adjusted

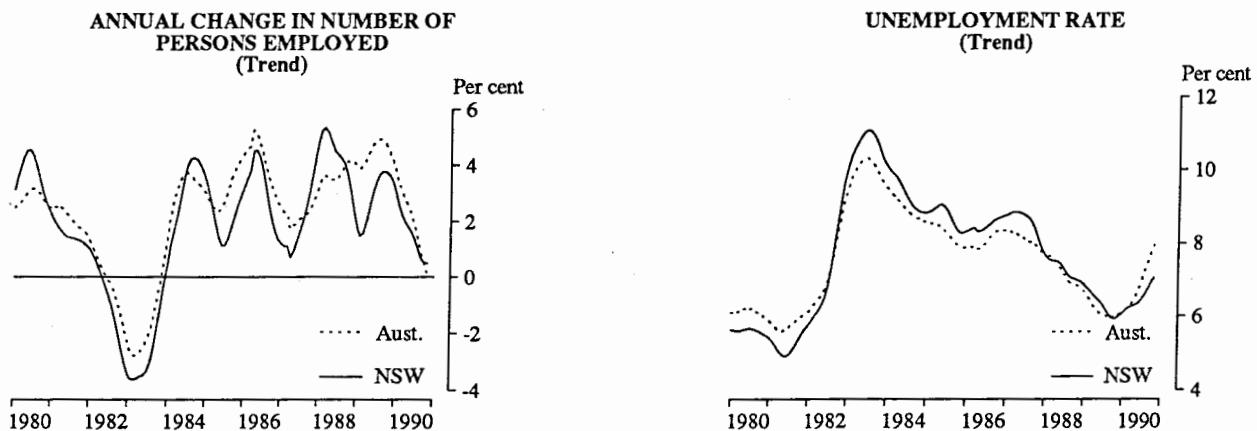
- The number of persons employed in November 1990 in NSW was 2,625,400 persons. This was a small decrease from the same month of the previous year, the first time this had occurred since February 1984.
- The unemployment rate for NSW was 7.1 per cent in November 1990 compared to 5.6 per cent one year ago. The number of unemployed rose 28.7 per cent over the year to 201,700 persons.

<i>Unit of quantity</i>	<i>November 1989</i>	<i>September 1990</i>	<i>October 1990</i>	<i>November 1990</i>	<i>Annual change (a)</i>
Unemployment rate	Per cent	5.6	6.8	6.7	7.1
Participation rate	Per cent	61.9	62.3	61.8	62.1
Unemployed	'000	156.7	193.5	188.1	201.7
Employed	'000	2,627.8	2,637.4	2,623.0	2,625.4

(a)For rates, the annual change is expressed as the difference in percentage points.

Trend series

- The number of persons unemployed in November 1990 continued to increase. It has increased each month since December 1989.
- For males, the unemployment rate continued to increase, while the participation rate was relatively steady. This differed from females, for whom the unemployment rate was steady, while the participation rate declined.



Statistical regions of NSW

Note: Estimates for regions of the State are subject to high sampling variability. Caution should be used when analysing these estimates and their movements. See Technical Note, page 35.

Sydney Major Statistical Region

- The unemployment rate in November 1990 for Sydney (MSR) was 5.7 per cent. The highest unemployment rate was 9.9 per cent in Gosford-Wyong. This was followed by 9.5 per cent in Central Western Sydney. Hornsby-Ku-ring-gai and Manly-Warringah were the lowest, at less than 3 per cent.
- The youth (persons aged 15–24 years) unemployment rate for Sydney (MSR) was 10.2 per cent in November 1990. This ranged from 21.1 per cent in Fairfield-Liverpool to less than 5 per cent in Hornsby-Ku-ring-gai and Eastern Suburbs.

Balance of NSW Major Statistical Region

- The unemployment rate in November 1990 for Balance of NSW (MSR) was 8.4 per cent. The highest unemployment rate was 15.5 per cent in Richmond-Tweed and Mid-North Coast with Illawarra the next highest at 10.6 per cent. The lowest unemployment rates were 4.4 per cent in Murray-Murrumbidgee and 5.0 per cent in Northern, North Western and Central West.
- Richmond-Tweed and Mid-North Coast also had the lowest participation rate at 54.8 per cent.
- The youth unemployment rate for Balance of NSW (MSR) was 16.6 per cent, with Richmond-Tweed and Mid-North Coast the highest with 29.3 per cent.

NOTE

This publication contains estimates of the civilian labour force in NSW derived from the labour force survey component of the monthly population survey, which is conducted on a sample basis throughout Australia.

Explanatory notes for the data contained within this publication can be found on page 33.

JOHN WILSON
Deputy Commonwealth Statistician

UNPUBLISHED OR CUSTOMISED DATA TO MEET YOUR SPECIAL REQUIREMENTS

- The ABS has a full range of Labour Force Survey data, collected monthly since February 1978. These include many detailed cross-classifications not included in this publication.
- For information on the availability of these unpublished data, please contact Jeffrey Middleton on (02) 268 4212.

SUPPLEMENTARY SURVEYS RELATING TO THE LABOUR FORCE

- The ABS conducts a range of surveys on labour market and other topics, as part of the monthly population survey program. The results of these surveys are released in national publications.
- Unpublished tables are also available, and the ABS provides a customised tabulation service to meet specific requirements.
- For more details: please contact Jeffrey Middleton on (02) 268 4212.
- Results from the following supplementary topics have recently been released:

Title of publication	Catalogue no.	Price (a) \$
<i>Labour Force Experience, Australia, March 1990</i>	6206.0	11.50
<i>Labour Mobility, Australia, February 1990</i>	6209.0	11.50
<i>Persons Not in the Labour Force, Australia, September 1989</i>	6220.0	8.00
<i>Job Search Experience of Unemployed Persons, Australia, July 1988</i>	6222.0	7.50
<i>Labour Force Status and Other Characteristics of Families, Australia, June 1990</i>	6224.0	8.00
<i>Transition from Education to Work, Australia, May 1990</i>	6227.0	12.50
<i>Labour Force Status and Educational Attainment, Australia, February 1990</i>	6235.0	12.50
<i>Retirement and Retirement Intentions, Australia, November 1989</i>	6238.0	8.00
<i>Career Paths of Persons with Trade Qualifications, Australia, 1989</i>	6243.0	12.50
<i>Persons who had re-entered the Labour Force, Australia, May 1990</i>	6264.0	10.50
<i>Underemployed Workers, Australia, May 1988</i>	6265.0	5.00
<i>Persons Who Have Left the Labour Force, Australia, April 1988</i>	6267.0	11.50
<i>Labour Force Status and Educational Attendance, Australia, September 1989</i>	6272.0	8.00
<i>Persons Employed at Home, Australia, April 1989</i>	6275.0	11.50
<i>Career Paths of Qualified Nurses, Australia, March to July 1989</i>	6277.0	12.50
<i>How Workers Get Their Training, Australia, 1989</i>	6278.0	12.50
<i>Weekly Earnings of Employees (Distribution), Australia, August 1990</i>	6310.0	11.50
<i>Annual and Long Service Leave Taken, Australia, May 1988 to April 1989</i>	6317.0	11.50
<i>Superannuation, Australia, November 1988</i>	6319.0	8.50
<i>Trade Union Members, Australia, August 1990</i>	6325.0	11.50
<i>Employment Benefits, Australia, August 1990</i>	6334.0	11.50

(a) Prices quoted are subject to revision.

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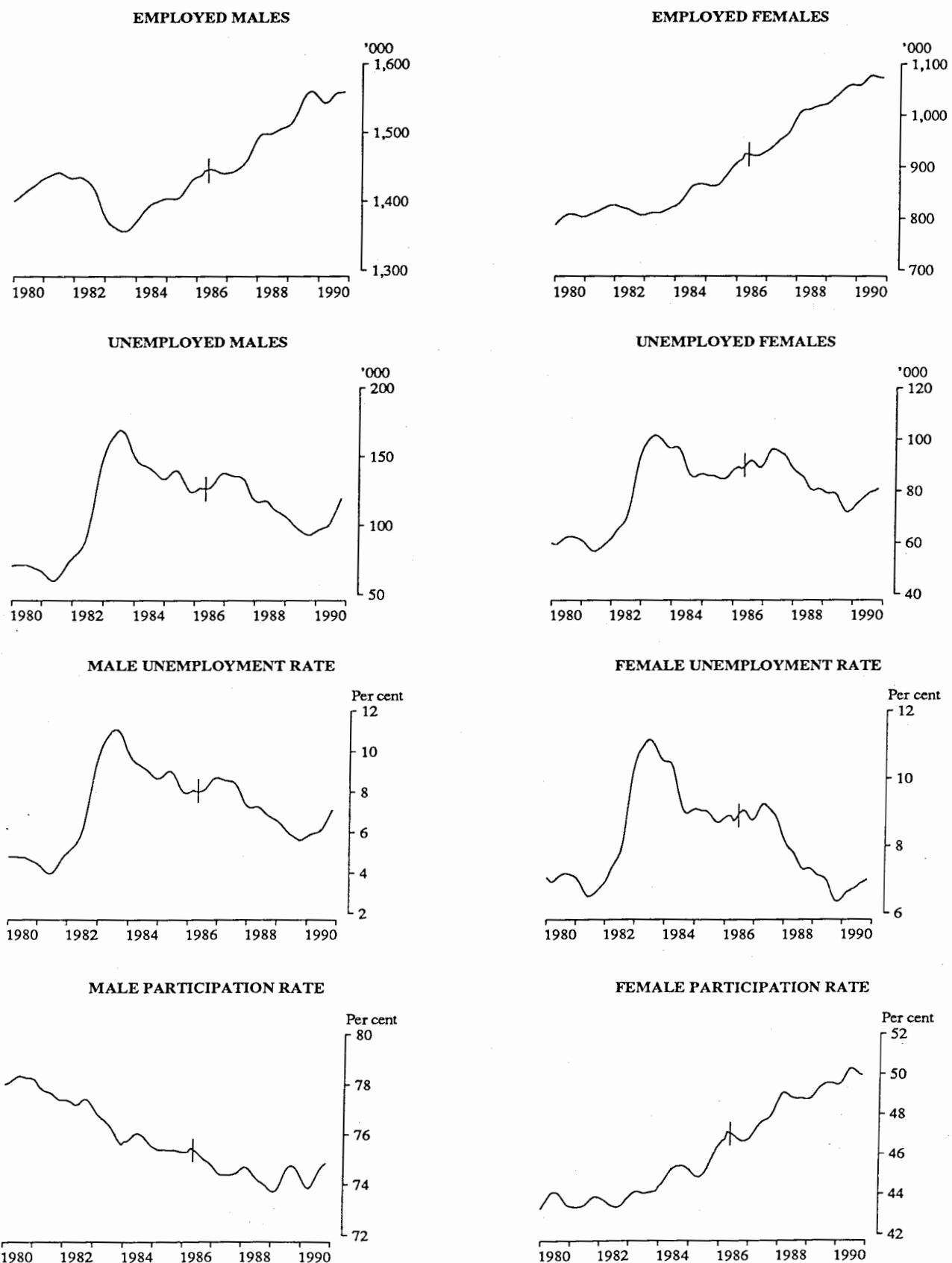
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TREND SERIES, NSW (a)



(a) Comparisons between these graphs should not be made, as their vertical axes are not similarly scaled.

! Indicates a change in definition. See explanatory note 6.

TABLE 1. LABOUR FORCE STATUS, NSW

Month	Employed			Unemployed			Labour force ('000)	Not in labour force ('000)	Civilian population aged 15 and over ('000)	Unemployment rate (per cent)	Participation rate (per cent)
	Full-time workers ('000)	Part-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Looking for part-time work ('000)	Total ('000)					
MALES											
November—											
1986	1,346.1	91.1	1,437.2	121.3	8.7	130.0	1,567.2	537.8	2,105.1	8.3	74.5
1987	1,358.6	106.0	1,464.5	108.6	8.5	117.1	1,581.6	566.2	2,147.8	7.4	73.6
1988	1,397.0	109.0	1,505.9	88.5	8.5	97.0	1,602.9	582.5	2,185.4	6.0	73.3
1989—											
September	1,436.4	121.6	1,558.0	89.7	11.7	101.4	1,659.4	552.2	2,211.7	6.1	75.0
October	1,437.3	119.8	1,557.1	76.7	10.4	87.0	1,644.2	568.6	2,212.7	5.3	74.3
November	1,440.8	118.3	1,559.1	72.7	7.2	79.9	1,639.1	574.7	2,213.8	4.9	74.0
1990—											
August	1,414.3	120.9	1,535.2	94.8	11.0	105.8	1,641.0	592.1	2,233.1	6.4	73.5
September	1,443.3	124.7	1,568.0	99.5	13.0	112.5	1,680.5	555.1	2,235.6	6.7	75.2
October	1,435.6	121.2	1,556.8	93.1	8.9	102.0	1,658.8	580.0	2,238.8	6.1	74.1
November	1,432.7	117.6	1,550.3	103.1	10.9	114.1	1,664.4	577.7	2,242.1	6.9	74.2
MARRIED FEMALES											
November—											
1986	303.5	263.3	566.8	18.9	10.7	29.6	596.4	673.6	1,270.0	5.0	47.0
1987	337.0	253.5	590.4	19.1	10.9	30.0	620.4	666.7	1,287.2	4.8	48.2
1988	359.2	268.8	628.0	19.7	9.5	29.2	657.2	668.5	1,325.8	4.4	49.6
1989—											
September	366.6	290.1	656.7	16.0	15.9	31.9	688.6	649.8	1,338.4	4.6	51.4
October	361.5	275.3	636.7	12.4	13.4	25.8	662.6	679.9	1,342.5	3.9	49.4
November	365.5	289.9	655.3	15.8	10.5	26.3	681.7	661.1	1,342.8	3.9	50.8
1990—											
August	353.0	283.2	636.2	15.7	11.2	26.9	663.1	658.3	1,321.4	4.1	50.2
September	362.0	291.4	653.4	16.1	14.2	30.3	683.7	643.1	1,326.8	4.4	51.5
October	359.5	286.0	645.4	15.1	12.0	27.0	672.5	668.1	1,340.5	4.0	50.2
November	366.0	293.9	659.9	13.6	10.8	24.5	684.4	658.2	1,342.6	3.6	51.0
ALL FEMALES											
November—											
1986	587.1	347.2	934.3	58.6	20.4	79.0	1,013.3	1,162.4	2,175.7	7.8	46.6
1987	621.9	348.1	970.0	65.3	23.0	88.2	1,058.2	1,161.3	2,219.5	8.3	47.7
1988	647.4	374.1	1,021.6	53.5	21.3	74.8	1,096.3	1,160.6	2,257.0	6.8	48.6
1989—											
September	667.1	402.9	1,070.0	46.5	26.6	73.1	1,143.1	1,139.5	2,282.6	6.4	50.1
October	664.3	392.0	1,056.3	41.6	23.2	64.8	1,121.1	1,162.8	2,283.9	5.8	49.1
November	665.5	408.4	1,073.9	45.0	19.9	64.9	1,138.8	1,146.3	2,285.1	5.7	49.8
1990—											
August	666.0	399.6	1,065.7	48.7	23.7	72.4	1,138.1	1,165.9	2,303.9	6.4	49.4
September	672.5	409.8	1,082.4	53.3	28.1	81.5	1,163.8	1,142.7	2,306.5	7.0	50.5
October	658.4	406.8	1,065.2	48.4	24.7	73.1	1,138.4	1,171.2	2,309.5	6.4	49.3
November	664.8	415.1	1,079.9	49.0	23.7	72.7	1,152.6	1,160.0	2,312.6	6.3	49.8
PERSONS											
November—											
1986	1,933.2	438.3	2,371.5	179.9	29.1	209.1	2,580.5	1,700.2	4,280.8	8.1	60.3
1987	1,980.5	454.0	2,434.5	173.9	31.4	205.3	2,639.9	1,727.5	4,367.4	7.8	60.4
1988	2,044.4	483.1	2,527.5	141.9	29.8	171.7	2,699.2	1,743.1	4,442.3	6.4	60.8
1989—											
September	2,103.5	524.5	2,628.0	136.2	38.3	174.5	2,802.5	1,691.8	4,494.3	6.2	62.4
October	2,101.6	511.8	2,613.4	118.2	33.6	151.8	2,765.3	1,731.3	4,496.6	5.5	61.5
November	2,106.3	526.6	2,633.0	117.7	27.1	144.9	2,777.8	1,721.1	4,498.9	5.2	61.7
1990—											
August	2,080.4	520.5	2,600.9	143.6	34.6	178.2	2,779.1	1,757.9	4,537.0	6.4	61.3
September	2,115.8	534.5	2,650.3	152.8	41.2	194.0	2,844.3	1,697.8	4,542.1	6.8	62.6
October	2,094.1	528.0	2,622.0	141.5	33.6	175.1	2,797.2	1,751.2	4,548.4	6.3	61.5
November	2,097.6	532.6	2,630.2	152.1	34.6	186.7	2,816.9	1,737.7	4,554.6	6.6	61.8

TABLE 2. LABOUR FORCE STATUS: SEASONALLY ADJUSTED AND TREND SERIES, NSW

Month	Seasonally adjusted series					Trend series (a)				
	Employed ('000)	Unemp-loyed ('000)	Labour force ('000)	Unemp-loyment rate (per cent)	Partici-pation rate (per cent)	Employed ('000)	Unemp-loyed ('000)	Labour force ('000)	Unemp-loyment rate (per cent)	Partici-pation rate (per cent)
MALES										
November—										
1986	1,438.9	138.9	1,577.8	8.8	75.0	1,440.9	136.3	1,577.2	8.6	74.9
1987	1,466.2	125.3	1,591.5	7.9	74.1	1,475.0	124.2	1,599.2	7.8	74.5
1988	1,507.6	103.9	1,611.4	6.4	73.7	1,506.8	109.3	1,616.0	6.8	73.9
1989—										
September	1,555.9	100.9	1,656.8	6.1	74.9	1,559.4	93.9	1,653.3	5.7	74.8
October	1,558.0	92.8	1,650.7	5.6	74.6	1,560.5	93.1	1,653.7	5.6	74.7
November	1,560.9	85.7	1,646.6	5.2	74.4	1,559.0	93.3	1,652.3	5.6	74.6
December	1,558.8	94.4	1,653.2	5.7	74.6	1,555.1	94.4	1,649.5	5.7	74.5
1990—										
January	1,556.2	97.5	1,653.7	5.9	74.6	1,550.0	95.8	1,645.8	5.8	74.2
February	1,541.4	100.2	1,641.7	6.1	74.0	1,545.6	96.9	1,642.5	5.9	74.0
March	1,534.2	99.2	1,633.4	6.1	73.6	1,543.1	97.6	1,640.7	5.9	73.9
April	1,538.2	99.3	1,637.5	6.1	73.7	1,543.4	98.2	1,641.5	6.0	73.9
May	1,553.6	94.6	1,648.2	5.7	74.1	1,546.6	98.8	1,645.4	6.0	73.9
June	1,549.7	95.1	1,644.8	5.8	73.8	1,551.3	100.1	1,651.4	6.1	74.1
July	1,561.8	107.4	1,669.2	6.4	74.8	1,555.5	102.9	1,658.4	6.2	74.3
August	1,552.8	108.4	1,661.2	6.5	74.4	1,558.0	106.7	1,664.7	6.4	74.5
September	1,566.2	111.8	1,678.0	6.7	75.1	1,558.8	111.1	1,669.8	6.7	74.7
October	1,557.6	108.8	1,666.3	6.5	74.4	1,559.1	115.3	1,674.4	6.9	74.8
November	1,552.1	122.3	1,674.5	7.3	74.7	1,559.2	119.3	1,678.5	7.1	74.9
FEMALES										
November—										
1986	925.7	87.2	1,012.9	8.6	46.6	925.6	89.3	1,014.9	8.8	46.6
1987	962.4	97.0	1,059.4	9.2	47.7	977.6	91.8	1,069.5	8.6	48.2
1988	1,014.3	82.0	1,096.3	7.5	48.6	1,020.6	80.9	1,101.5	7.3	48.8
1989—										
September	1,059.0	73.2	1,132.1	6.5	49.6	1,057.4	73.8	1,131.2	6.5	49.6
October	1,056.5	70.2	1,126.7	6.2	49.3	1,059.8	72.3	1,132.1	6.4	49.6
November	1,066.9	71.0	1,137.9	6.2	49.8	1,060.7	71.9	1,132.6	6.3	49.6
December	1,067.8	69.0	1,136.9	6.1	49.7	1,060.1	72.3	1,132.4	6.4	49.5
1990—										
January	1,053.8	74.2	1,128.0	6.6	49.3	1,059.1	73.1	1,132.2	6.5	49.5
February	1,052.2	83.7	1,136.0	7.4	49.6	1,059.4	74.3	1,133.7	6.6	49.5
March	1,061.5	70.4	1,131.9	6.2	49.4	1,062.2	75.4	1,137.6	6.6	49.6
April	1,061.7	71.8	1,133.5	6.3	49.4	1,067.4	76.3	1,143.7	6.7	49.9
May	1,078.1	77.2	1,155.3	6.7	50.3	1,073.2	77.2	1,150.4	6.7	50.1
June	1,082.8	83.0	1,165.7	7.1	50.7	1,077.5	78.0	1,155.4	6.7	50.3
July	1,083.0	79.4	1,162.5	6.8	50.5	1,078.6	78.7	1,157.3	6.8	50.3
August	1,079.8	75.9	1,155.7	6.6	50.2	1,077.3	79.5	1,156.8	6.9	50.2
September	1,071.2	81.7	1,152.9	7.1	50.0	1,075.5	79.9	1,155.3	6.9	50.1
October	1,065.4	79.3	1,144.7	6.9	49.6	1,074.3	80.3	1,154.6	7.0	50.0
November	1,073.3	79.3	1,152.6	6.9	49.8	1,074.0	80.9	1,154.9	7.0	49.9
PERSONS										
November—										
1986	2,364.6	226.1	2,590.7	8.7	60.5	2,366.5	225.6	2,592.1	8.7	60.6
1987	2,428.6	222.4	2,651.0	8.4	60.7	2,452.7	216.0	2,668.7	8.1	61.1
1988	2,521.9	185.9	2,707.8	6.9	61.0	2,527.3	190.2	2,717.5	7.0	61.2
1989—										
September	2,614.9	174.1	2,789.0	6.2	62.1	2,616.8	167.7	2,784.5	6.0	62.0
October	2,614.5	162.9	2,777.4	5.9	61.8	2,620.3	165.4	2,785.8	5.9	62.0
November	2,627.8	156.7	2,784.5	5.6	61.9	2,619.7	165.2	2,784.9	5.9	61.9
December	2,626.6	163.5	2,790.0	5.9	62.0	2,615.2	166.7	2,781.9	6.0	61.8
1990—										
January	2,609.9	171.7	2,781.7	6.2	61.8	2,609.0	168.9	2,777.9	6.1	61.7
February	2,593.7	184.0	2,777.7	6.6	61.6	2,605.0	171.2	2,776.2	6.2	61.6
March	2,595.7	169.6	2,765.3	6.1	61.3	2,605.3	173.0	2,778.3	6.2	61.6
April	2,599.9	171.1	2,771.0	6.2	61.4	2,610.8	174.5	2,785.3	6.3	61.7
May	2,631.7	171.8	2,803.5	6.1	62.0	2,619.8	176.0	2,795.8	6.3	61.8
June	2,632.5	178.1	2,810.5	6.3	62.1	2,628.7	178.1	2,806.8	6.3	62.0
July	2,644.8	186.8	2,831.7	6.6	62.5	2,634.1	181.6	2,815.7	6.4	62.1
August	2,632.6	184.3	2,816.9	6.5	62.1	2,635.3	186.2	2,821.5	6.6	62.2
September	2,637.4	193.5	2,830.9	6.8	62.3	2,634.2	190.9	2,825.2	6.8	62.2
October	2,623.0	188.1	2,811.0	6.7	61.8	2,633.4	195.6	2,829.0	6.9	62.2
November	2,625.4	201.7	2,827.1	7.1	62.1	2,633.2	200.2	2,833.4	7.1	62.2

(a) Trend series data for the most recent months have been revised. See Explanatory note 22.

TABLE 3. LABOUR FORCE STATUS AND AGE, NSW, NOVEMBER 1990

Age group (years)	Employed			Unemployed			Labour force ('000)	Not in labour force ('000)	Civilian population aged 15 and over ('000)	Unemp- loyment rate (percent)	Partici- pation rate (percent)
	Full-time workers ('000)	Part-time workers ('000)	Total ('000)	Looking for full- time work ('000)	Looking for part- time work ('000)	Total ('000)					
MALES											
15—19	72.5	33.8	106.3	14.5	6.9	21.4	127.7	106.7	234.3	16.8	54.5
20—24	149.1	17.9	167.0	20.0	* 1.0	21.0	188.0	30.2	218.2	11.2	86.2
25—34	396.2	18.2	414.4	27.2	* 1.0	28.2	442.6	24.3	466.9	6.4	94.8
35—44	382.9	13.7	396.6	19.3	* 0.8	20.1	416.7	27.4	444.1	4.8	93.8
45—54	275.9	8.7	284.6	11.2	* 0.7	11.9	296.5	30.8	327.3	4.0	90.6
55—59	86.7	4.5	91.2	4.7	* 0.0	4.7	95.9	33.6	129.5	4.9	74.0
60—64	52.3	10.1	62.4	5.7	* 0.3	5.9	68.3	61.8	130.1	8.7	52.5
65 and over	17.2	10.7	27.9	* 0.5	* 0.2	* 0.7	28.7	262.9	291.6	* 2.6	9.8
<i>Total</i>	<i>1,432.7</i>	<i>117.6</i>	<i>1,550.3</i>	<i>103.1</i>	<i>10.9</i>	<i>114.1</i>	<i>1,664.4</i>	<i>577.7</i>	<i>2,242.1</i>	<i>6.9</i>	<i>74.2</i>
MARRIED FEMALES											
15—19	* 2.1	* 0.7	* 2.8	* 1.3	* 0.0	* 1.3	* 4.1	4.6	8.7	* 31.0	* 47.1
20—24	31.2	6.3	37.5	* 2.1	* 0.5	* 2.6	40.0	20.7	60.7	* 6.4	65.9
25—34	107.8	79.2	187.0	* 3.5	* 4.2	7.7	194.8	136.7	331.5	4.0	58.8
35—44	119.5	116.7	236.2	* 2.8	* 3.6	6.4	242.6	105.5	348.0	2.6	69.7
45—54	81.8	62.2	144.0	* 3.0	* 2.5	5.5	149.5	94.0	243.5	3.7	61.4
55—59	15.6	18.7	34.3	* 0.8	* 0.0	* 0.8	35.1	59.9	95.0	* 2.2	37.0
60—64	5.8	5.0	10.8	* 0.2	* 0.0	* 0.2	11.0	77.4	88.4	* 2.0	12.5
65 and over	* 2.1	5.1	7.3	* 0.0	* 0.0	* 0.0	7.3	159.4	166.7	* 0.0	4.4
<i>Total</i>	<i>366.0</i>	<i>293.9</i>	<i>659.9</i>	<i>13.6</i>	<i>10.8</i>	<i>24.5</i>	<i>684.4</i>	<i>658.2</i>	<i>1,342.6</i>	<i>3.6</i>	<i>51.0</i>
ALL FEMALES											
15—19	48.8	48.0	96.8	13.8	6.7	20.5	117.3	107.5	224.8	17.5	52.2
20—24	121.0	30.2	151.2	10.1	* 1.6	11.7	162.9	51.7	214.7	7.2	75.9
25—34	183.7	97.3	281.0	10.5	6.0	16.5	297.5	170.8	468.3	5.6	63.5
35—44	160.9	132.8	293.7	7.3	6.1	13.4	307.1	130.1	437.2	4.4	70.2
45—54	112.4	69.6	182.1	5.5	* 2.8	8.3	190.3	120.3	310.6	4.3	61.3
55—59	24.1	22.4	46.5	* 1.6	* 0.3	* 1.8	48.3	78.4	126.7	* 3.8	38.1
60—64	10.2	7.6	17.7	* 0.2	* 0.0	* 0.2	17.9	114.0	132.0	* 1.2	13.6
65 and over	* 3.7	7.2	10.9	* 0.0	* 0.3	* 0.3	11.2	387.0	398.2	* 2.2	2.8
<i>Total</i>	<i>664.8</i>	<i>415.1</i>	<i>1,079.9</i>	<i>49.0</i>	<i>23.7</i>	<i>72.7</i>	<i>1,152.6</i>	<i>1,160.0</i>	<i>2,312.6</i>	<i>6.3</i>	<i>49.8</i>
PERSONS											
15—19	121.2	81.8	203.1	28.3	13.6	41.9	244.9	214.2	459.1	17.1	53.3
20—24	270.2	48.1	318.2	30.2	* 2.6	32.7	351.0	82.0	432.9	9.3	81.1
25—34	579.9	115.5	695.4	37.7	7.1	44.7	740.1	195.1	935.2	6.0	79.1
35—44	543.8	146.5	690.3	26.6	6.9	33.5	723.8	157.6	881.3	4.6	82.1
45—54	388.3	78.3	466.6	16.7	* 3.5	20.2	486.8	151.1	637.9	4.1	76.3
55—59	110.8	26.9	137.7	6.3	* 0.3	6.5	144.2	112.0	256.2	4.5	56.3
60—64	62.5	17.6	80.1	5.9	* 0.3	6.1	86.3	175.8	262.1	7.1	32.9
65 and over	20.9	18.0	38.9	* 0.5	* 0.5	* 1.0	39.9	649.9	689.8	* 2.5	5.8
<i>Total</i>	<i>2,097.6</i>	<i>532.6</i>	<i>2,630.2</i>	<i>152.1</i>	<i>34.6</i>	<i>186.7</i>	<i>2,816.9</i>	<i>1,737.7</i>	<i>4,554.6</i>	<i>6.6</i>	<i>61.8</i>

TABLE 4. PERSONS AGED 15 TO 24: LABOUR FORCE STATUS AND FULL-TIME ATTENDANCE AT SCHOOL OR A TERTIARY EDUCATIONAL INSTITUTION, NSW, NOVEMBER 1990

Age (years)	Employed			Unemployed			Labour force ('000)	Not in labour force ('000)	Civilian population ('000)	Unemployment rate (per cent)	Participation rate (per cent)
	Full-time workers ('000)	Part-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Looking for part-time work ('000)	Total ('000)					
ATTENDING SCHOOL OR A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME											
15—19	* 3.7	61.9	65.5	* 2.9	10.8	13.6	79.1	185.9	265.1	17.2	29.9
15	* 0.0	16.2	16.2	* 0.5	* 3.7	* 4.2	20.4	60.4	80.9	* 20.4	25.3
16	* 0.3	18.7	19.0	* 0.3	* 3.7	* 4.0	23.0	50.0	73.0	* 17.3	31.5
17	* 0.5	11.2	11.7	* 0.5	* 2.1	* 2.6	14.3	35.7	50.0	* 18.1	28.5
18	* 1.3	7.3	8.7	* 0.8	* 0.5	* 1.3	10.0	25.5	35.5	* 13.3	28.2
19	* 1.5	8.4	9.9	* 0.9	* 0.7	* 1.6	11.5	14.2	25.7	* 13.8	44.6
20—24	* 3.3	18.7	22.0	* 0.8	* 0.3	* 1.1	23.1	34.4	57.5	* 4.9	40.2
20	* 1.0	8.4	9.4	* 0.0	* 0.0	* 0.0	9.4	14.3	23.7	* 0.0	39.7
21	* 1.0	5.3	6.3	* 0.8	* 0.0	* 0.8	7.1	5.8	12.9	* 11.5	54.9
22	* 0.3	* 3.5	* 3.7	* 0.0	* 0.0	* 0.0	* 3.7	5.7	9.4	* 0.0	* 39.4
23	* 0.0	* 0.8	* 0.8	* 0.0	* 0.3	* 0.3	* 1.1	5.2	6.3	* 28.1	* 18.2
24	* 1.1	* 0.7	* 1.8	* 0.0	* 0.0	* 0.0	* 1.8	* 3.4	5.2	* 0.0	* 33.9
Total aged 15—24	6.9	80.6	87.5	* 3.7	11.1	14.8	102.3	220.3	322.5	14.4	31.7
NOT ATTENDING SCHOOL OR A TERTIARY EDUCATIONAL INSTITUTION FULL-TIME (a)											
15—19	117.6	20.0	137.5	25.4	* 2.8	28.2	165.8	28.3	194.1	17.0	85.4
15	* 2.0	* 0.2	* 2.2	* 1.2	* 0.0	* 1.2	* 3.4	* 1.2	4.6	* 34.2	* 73.2
16	8.8	* 2.2	10.9	* 2.1	* 0.0	* 2.1	13.0	* 2.3	15.4	* 16.0	84.7
17	22.6	4.7	27.3	6.6	* 1.2	7.8	35.1	6.6	41.8	22.3	84.1
18	31.9	7.7	39.7	8.1	* 1.3	9.4	49.1	11.5	60.6	19.2	81.0
19	52.3	5.1	57.4	7.4	* 0.3	7.7	65.1	6.6	71.7	11.9	90.8
20—24	266.9	29.4	296.3	29.3	* 2.2	31.6	327.9	47.6	375.4	9.6	87.3
20	47.9	5.2	53.1	6.6	* 0.5	7.1	60.2	8.4	68.6	11.8	87.8
21	51.1	9.5	60.6	7.3	* 0.5	7.8	68.4	6.9	75.3	11.4	90.8
22	53.3	4.8	58.1	6.4	* 0.0	6.4	64.5	11.2	75.7	9.9	85.2
23	57.6	* 3.9	61.5	5.0	* 0.6	5.6	67.1	10.1	77.2	8.3	86.9
24	57.0	5.9	63.0	* 4.1	* 0.6	4.7	67.7	11.0	78.6	6.9	86.0
Total aged 15—24	384.5	49.3	433.8	54.8	5.1	59.8	493.6	75.9	569.5	12.1	86.7
TOTAL											
15—19	121.2	81.8	203.1	28.3	13.6	41.9	244.9	214.2	459.1	17.1	53.3
15	* 2.0	16.5	18.5	* 1.6	* 3.7	5.3	23.8	61.7	85.5	22.4	27.8
16	9.0	20.9	30.0	* 2.3	* 3.7	6.1	36.0	52.4	88.4	16.8	40.7
17	23.1	15.9	39.0	7.1	* 3.3	10.4	49.4	42.4	91.8	21.1	53.8
18	33.3	15.1	48.3	8.9	* 1.8	10.8	59.1	37.0	96.1	18.2	61.5
19	53.8	13.5	67.3	8.3	* 1.0	9.3	76.6	20.8	97.4	12.2	78.6
20—24	270.2	48.1	318.2	30.2	* 2.6	32.7	351.0	82.0	432.9	9.3	81.1
20	48.9	13.7	62.5	6.6	* 0.5	7.1	69.6	22.7	92.3	10.2	75.4
21	52.0	14.8	66.8	8.1	* 0.5	8.6	75.4	12.7	88.2	11.4	85.6
22	53.6	8.2	61.8	6.4	* 0.0	6.4	68.2	16.9	85.1	9.3	80.1
23	57.6	4.8	62.4	5.0	* 0.9	5.9	68.3	15.2	83.5	8.7	81.7
24	58.1	6.6	64.7	* 4.1	* 0.6	4.7	69.4	14.4	83.8	6.8	82.8
Total aged 15—24	391.4	129.9	521.3	58.5	16.1	74.6	595.9	296.2	892.1	12.5	66.8

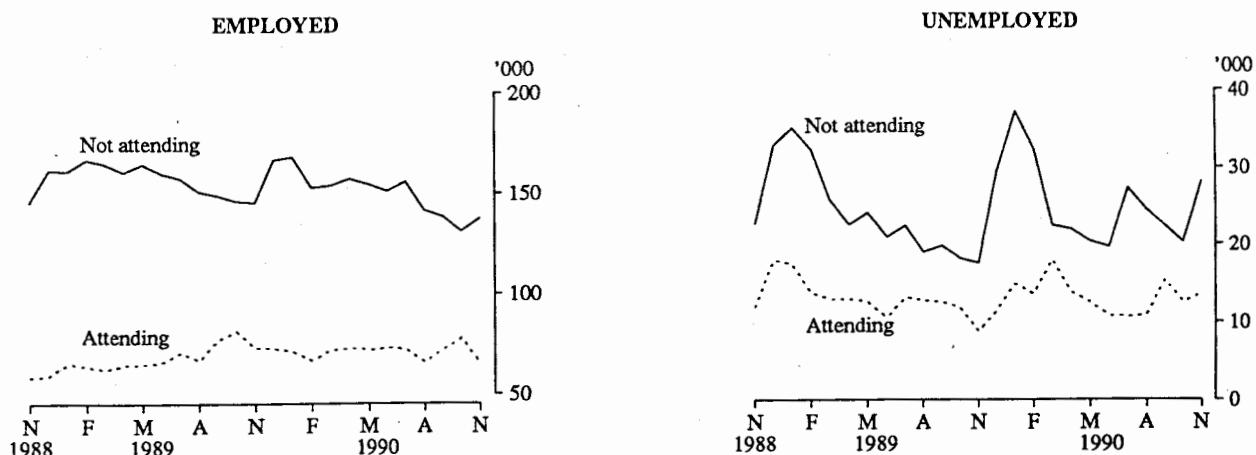
(a) Includes institutionalised persons.

TABLE 5. LABOUR FORCE STATUS AND FAMILY STATUS, NSW, NOVEMBER 1990

Family status	Employed			Unemployed			Labour force ('000)	Not in labour force ('000)	Civilian population aged 15 and over ('000)	Unemployment rate (per cent)	Participation rate (per cent)
	Full-time workers ('000)	Part-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Looking for part-time work ('000)	Total ('000)					
Member of a family	1,704.1	467.9	2,172.0	122.9	31.1	154.1	2,326.1	1,331.3	3,657.4	6.6	63.6
Husband	941.7	40.8	982.6	44.4	* 1.8	46.3	1,028.8	298.7	1,327.5	4.5	77.5
With children aged 0-14 present	523.6	14.7	538.3	28.2	* 0.5	28.7	567.0	31.8	598.8	5.1	94.7
Without children aged 0-14 present	418.1	26.2	444.3	16.2	* 1.3	17.5	461.8	266.9	728.7	3.8	63.4
With dependants present	604.8	17.6	622.4	30.0	* 0.5	30.5	652.9	41.7	694.6	4.7	94.0
Without dependants present	336.9	23.3	360.2	14.4	* 1.3	15.7	376.0	256.9	632.9	4.2	59.4
Wife	351.3	286.8	638.1	13.6	10.8	24.5	662.6	628.9	1,291.5	3.7	51.3
With children aged 0-14 present	138.2	177.2	315.4	6.8	8.0	14.8	330.2	241.8	571.9	4.5	57.7
Without children aged 0-14 present	213.1	109.6	322.7	6.9	* 2.8	9.7	332.4	387.1	719.5	2.9	46.2
With dependants present	175.8	203.2	378.9	7.8	9.0	16.8	395.7	268.1	663.9	4.2	59.6
Without dependants present	175.5	83.7	259.2	5.9	* 1.8	7.6	266.8	360.7	627.6	2.9	42.5
Not-married male family head	23.0	* 1.8	24.8	* 2.3	* 0.3	* 2.6	27.4	13.6	41.1	* 9.5	66.8
With children aged 0-14 present	4.8	* 0.5	5.3	* 0.3	* 0.0	* 0.3	5.6	* 2.9	8.5	* 5.0	66.0
Without children aged 0-14 present	18.2	* 1.3	19.5	* 2.1	* 0.3	* 2.3	21.8	10.8	32.6	* 10.6	67.0
With dependants present	9.5	* 0.5	10.0	* 0.5	* 0.0	* 0.5	10.6	* 3.1	13.7	* 5.0	77.2
Without dependants present	13.5	* 1.3	14.8	* 1.8	* 0.3	* 2.1	16.9	10.5	27.4	* 12.3	61.6
Not-married female family head	41.4	27.8	69.2	6.4	* 3.5	9.9	79.1	102.4	181.6	12.6	43.6
With children aged 0-14 present	19.6	19.4	39.0	* 3.7	* 3.0	6.7	45.8	48.8	94.5	14.7	48.4
Without children aged 0-14 present	21.8	8.4	30.2	* 2.7	* 0.5	* 3.2	33.4	53.7	87.1	* 9.6	38.3
With dependants present	27.2	22.7	49.9	4.7	* 3.0	7.7	57.7	56.2	113.9	13.4	50.6
Without dependants present	14.2	5.1	19.3	* 1.7	* 0.5	* 2.2	21.5	46.2	67.7	* 10.3	31.7
Full-time student aged 15-24(a)	5.8	70.7	76.5	* 2.7	10.8	13.6	90.1	186.4	276.4	15.1	32.6
Other child of family head	313.0	36.4	349.5	47.7	* 3.3	51.0	400.5	51.5	452.0	12.7	88.6
Other relative of family head	27.9	* 3.4	31.3	5.7	* 0.5	6.3	37.6	49.8	87.4	16.7	43.0
<i>Not a member of a family</i>	<i>320.3</i>	<i>45.1</i>	<i>365.4</i>	<i>23.9</i>	<i>* 2.4</i>	<i>26.3</i>	<i>391.7</i>	<i>270.8</i>	<i>662.5</i>	<i>6.7</i>	<i>59.1</i>
Living alone	136.6	18.3	154.9	10.8	* 0.8	11.6	166.5	229.3	395.8	7.0	42.1
Not living alone	183.8	26.8	210.6	13.1	* 1.6	14.7	225.2	41.5	266.7	6.5	84.5
<i>Not family coded</i>	<i>73.1</i>	<i>19.6</i>	<i>92.7</i>	<i>5.2</i>	<i>* 1.2</i>	<i>6.4</i>	<i>99.1</i>	<i>135.6</i>	<i>234.7</i>	<i>6.4</i>	<i>42.2</i>
Total	2,097.6	532.6	2,630.2	152.1	34.6	186.7	2,816.9	1,737.7	4,554.6	6.6	61.8

(a) Excludes persons aged 20-24 attending school.

PERSONS AGED 15-19 IN THE LABOUR FORCE: FULL-TIME ATTENDANCE AT SCHOOL OR A TERTIARY EDUCATIONAL INSTITUTION



**TABLE 6. EMPLOYED PERSONS: INDUSTRY DIVISION AND SUBDIVISION, NSW
('000)**

Industry	Males			Females			Persons		
	Nov-ember 1989	August 1990	Nov-ember 1990	Nov-ember 1989	August 1990	Nov-ember 1990	Nov-ember 1989	August 1990	Nov-ember 1990
Agriculture, forestry, fishing and hunting	84.5	77.3	93.0	32.3	29.4	36.5	116.9	106.7	129.5
Agriculture	75.2	67.4	80.9	30.3	28.6	34.0	105.5	96.0	114.9
Services to agriculture	5.2	5.1	6.4	* 1.1	* 0.5	* 1.8	6.3	5.6	8.2
Forestry and logging	* 1.6	* 1.9	* 2.6	* 0.5	* 0.3	* 0.2	* 2.1	* 2.2	* 2.8
Fishing and hunting	* 2.5	* 2.9	* 3.2	* 0.5	* 0.0	* 0.5	* 3.0	* 2.9	* 3.7
Mining	27.5	25.2	24.0	* 2.0	* 1.3	* 0.8	29.5	26.5	24.7
Metallic minerals	5.2	6.8	6.5	* 0.3	* 0.2	* 0.0	5.5	7.0	6.5
Coal	17.6	15.2	14.9	* 0.3	* 0.2	* 0.0	17.9	15.4	14.9
Construction materials	* 3.1	* 2.5	* 1.6	* 1.0	* 0.3	* 0.0	* 4.1	* 2.7	* 1.6
Services to mining, n.e.c.	* 1.1	* 0.2	* 0.5	* 0.5	* 0.6	* 0.8	* 1.5	* 0.8	* 1.3
Other mining	* 0.6	* 0.6	* 0.4	* 0.0	* 0.0	* 0.0	* 0.6	* 0.6	* 0.4
Manufacturing	311.2	292.3	299.6	114.9	105.4	110.9	426.1	397.7	410.6
Food, beverages and tobacco	41.1	42.2	39.6	19.5	21.4	21.1	60.6	63.5	60.7
Textiles	* 3.3	5.1	8.4	* 3.2	* 3.3	* 3.7	6.5	8.4	12.0
Clothing and footwear	8.0	5.5	7.8	21.0	16.6	17.9	29.0	22.1	25.7
Wood, wood products and furniture	28.0	24.8	21.3	7.4	5.4	4.7	35.4	30.2	26.0
Paper, paper products, printing and publishing	26.7	30.0	32.3	16.7	17.0	19.0	43.4	47.0	51.3
Chemical, petroleum and coal products	18.3	21.3	18.8	7.7	5.6	6.7	26.0	26.9	25.5
Non-metallic mineral products	12.9	14.3	14.0	* 1.7	* 1.8	* 2.6	14.7	16.0	16.6
Basic metal products	36.1	28.5	30.7	* 3.3	* 3.2	* 4.2	39.4	31.7	34.8
Fabricated metal products	34.5	38.3	39.3	5.7	7.7	8.0	40.1	46.1	47.3
Transport equipment	33.2	24.5	31.1	* 2.2	* 2.9	* 2.0	35.4	27.5	33.1
Other machinery and equipment	44.1	41.6	40.6	17.6	16.4	17.3	61.7	58.0	57.9
Miscellaneous manufacturing	25.0	16.2	15.8	9.0	* 4.2	* 3.8	34.0	20.4	19.7
Electricity, gas and water	36.3	31.5	36.3	4.5	5.4	5.1	40.8	36.9	41.3
Electricity and gas	23.0	19.0	24.0	* 2.3	* 3.3	* 3.1	25.3	22.3	27.1
Water, sewerage and drainage	13.3	12.6	12.3	* 2.2	* 2.1	* 2.0	15.4	14.6	14.3
Construction	180.3	178.0	189.8	24.8	22.2	24.3	205.1	200.1	214.0
General construction	68.6	58.4	59.6	10.1	8.4	7.9	78.7	66.7	67.5
Special trade construction	111.7	119.6	130.1	14.7	13.8	16.4	126.4	133.4	146.5
Wholesale and retail trade	302.2	292.4	289.7	259.3	234.6	233.6	561.4	527.0	523.3
Wholesale trade	115.9	123.1	116.0	68.5	61.0	57.5	184.4	184.1	173.5
Retail trade	186.2	169.3	173.7	190.8	173.7	176.1	377.0	343.0	349.9
Transport and storage	110.6	123.0	108.6	26.1	32.5	30.5	136.7	155.6	139.1
Road freight transport	40.5	46.4	41.0	5.9	10.7	11.2	46.4	57.1	52.2
Road passenger transport	15.0	21.3	16.7	* 2.5	* 3.6	* 2.0	17.4	25.0	18.6
Rail transport	21.3	19.9	21.1	* 2.9	* 2.7	* 2.8	24.2	22.6	23.9
Water transport	* 3.3	* 2.2	* 1.1	* 0.0	* 0.7	* 0.5	* 3.3	* 3.0	* 1.6
Air transport	13.4	13.0	12.2	5.8	6.1	5.4	19.2	19.1	17.6
Other transport	* 0.3	* 0.3	* 0.8	* 0.2	* 0.0	* 0.0	* 0.6	* 0.3	* 0.8
Services to road transport	* 1.3	* 1.6	* 1.3	* 0.4	* 0.0	* 0.3	* 1.7	* 1.6	* 1.6
Services to water transport	6.7	7.5	5.7	* 1.0	* 1.0	* 1.3	7.7	8.5	7.0
Services to air transport	* 1.0	* 1.1	* 1.6	* 0.5	* 0.5	* 0.3	* 1.5	* 1.6	* 1.8
Other services to transport	* 4.4	5.2	* 3.1	6.4	6.6	6.5	10.7	11.8	9.6
Storage	* 3.5	4.5	* 4.0	* 0.5	* 0.5	* 0.2	* 4.0	5.0	* 4.3
Communication	31.3	39.6	43.4	15.3	12.5	13.6	46.6	52.2	57.0
Finance, property and business services	177.5	162.1	168.1	161.1	176.1	163.7	338.6	338.2	331.8
Finance and investment	48.6	47.8	47.0	51.9	60.2	49.3	100.6	108.1	96.3
Insurance and services to insurance	18.5	20.5	22.6	17.9	24.7	21.8	36.5	45.2	44.4
Property and business services	110.4	93.7	98.5	91.2	91.2	92.6	201.6	184.9	191.1
Public administration and defence	59.5	61.4	60.5	36.0	40.6	40.9	95.5	102.0	101.3
Public administration	52.4	56.9	55.9	33.7	38.2	38.3	86.1	95.0	94.3
Defence	7.1	4.6	4.5	* 2.3	* 2.4	* 2.5	9.4	7.0	7.1
Community services	144.0	161.7	145.7	289.2	302.6	311.1	433.1	464.3	456.8
Health	42.7	44.7	39.0	126.3	135.8	135.0	169.0	180.5	174.0
Education, museum and library services	55.3	62.1	56.2	113.2	115.0	118.3	168.5	177.2	174.5
Welfare and religious institutions	15.6	19.9	17.7	33.8	32.3	37.3	49.3	52.1	55.0
Other community services	30.4	35.0	32.8	15.9	19.4	20.4	46.3	54.5	53.3
Recreation, personal and other services	94.3	90.5	91.7	108.4	103.1	109.1	202.7	193.6	200.7
Entertainment and recreational services	31.8	26.1	27.6	26.1	13.4	17.9	57.9	39.5	45.5
Restaurants, hotels and clubs	47.5	54.9	50.2	52.4	63.4	66.5	99.9	118.3	116.7
Personal services	14.3	9.3	13.4	27.9	24.8	22.9	42.1	34.1	36.2
Private households employing staff	* 0.7	* 0.2	* 0.5	* 2.0	* 1.5	* 1.8	* 2.7	* 1.7	* 2.3
Total	1,559.1	1,535.2	1,550.3	1,073.9	1,065.7	1,079.9	2,633.0	2,600.9	2,630.2

**ANNUAL CHANGE IN EMPLOYMENT BY INDUSTRY DIVISION
NOVEMBER 1989 TO NOVEMBER 1990**

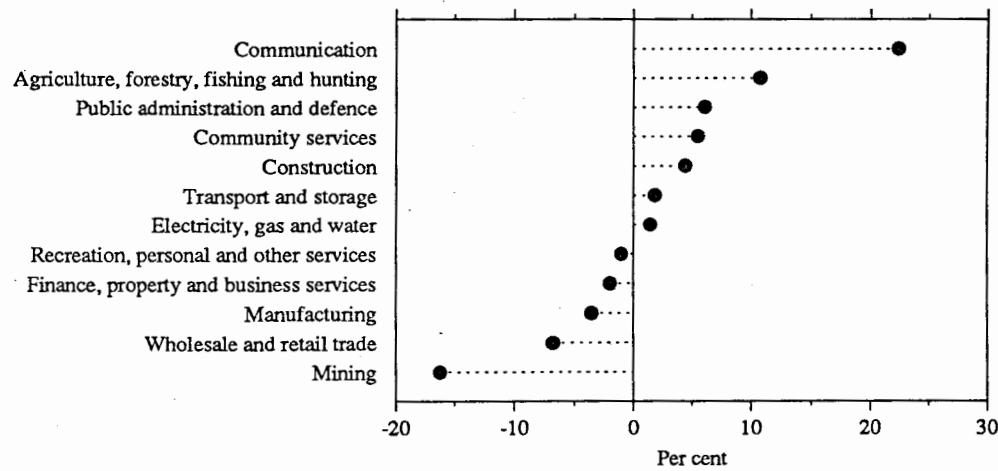
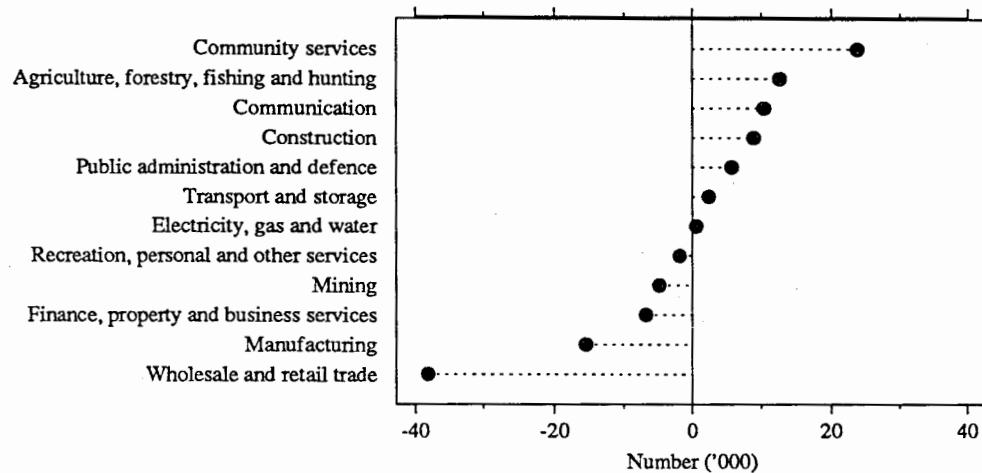
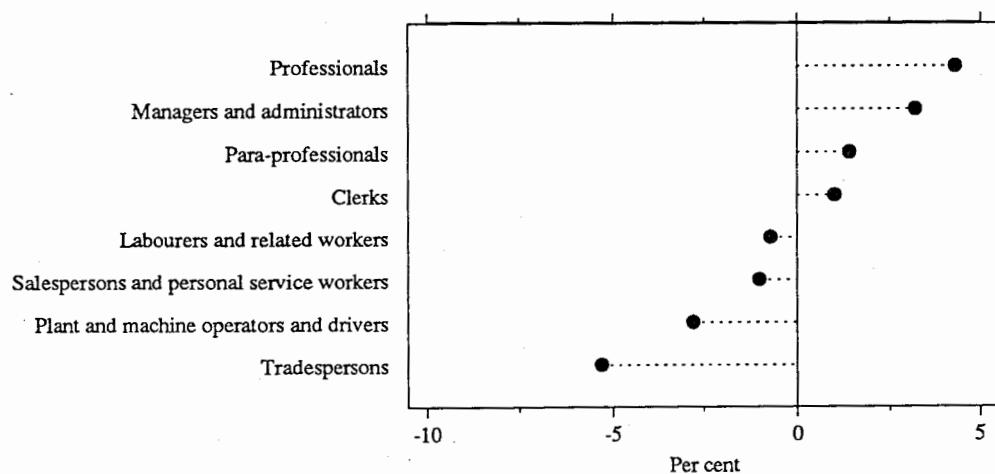
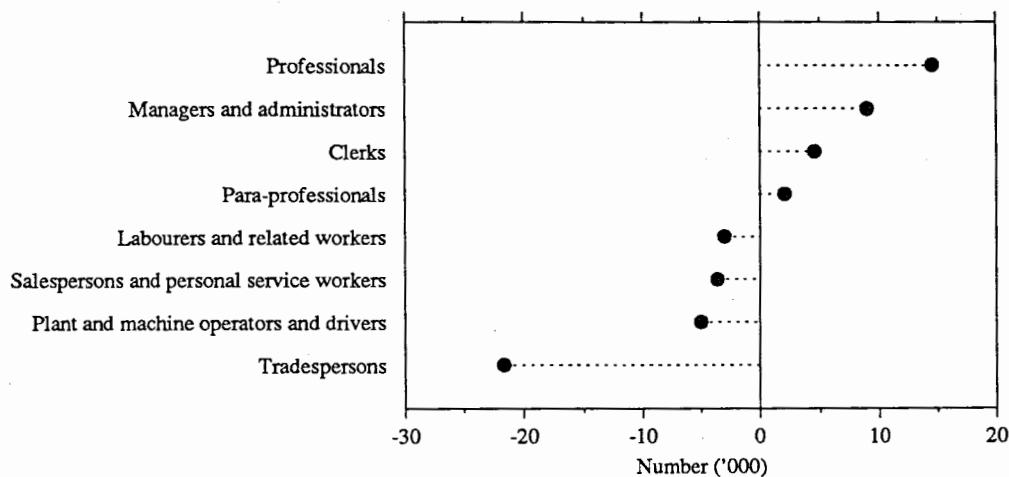


TABLE 7. EMPLOYED PERSONS: MAJOR AND MINOR OCCUPATION GROUPS, NSW
('000)

Occupation	Males			Females			Persons		
	Nov-ember 1989	August 1990	Nov-ember 1990	Nov-ember 1989	August 1990	Nov-ember 1990	Nov-ember 1989	August 1990	Nov-ember 1990
Managers and administrators	217.9	224.7	217.1	66.7	70.8	76.5	284.6	295.5	293.6
Legislators and government appointed officials	* 0.3	* 1.4	* 1.0	* 0.0	* 0.0	* 0.0	* 0.3	* 1.4	* 1.0
General managers	23.7	20.2	15.8	* 1.8	* 2.8	* 3.5	25.5	23.0	19.4
Specialist managers	51.2	47.8	53.2	14.1	10.8	12.4	65.3	58.6	65.6
Farmers and farm managers	41.2	46.2	53.2	17.1	17.9	23.7	58.3	64.1	76.9
Managing supervisors (sales and service)	65.5	66.6	59.8	30.8	34.6	33.5	96.3	101.2	93.3
Managing supervisors (other business)	36.0	42.5	34.1	* 2.9	4.7	* 3.3	38.9	47.2	37.3
Professionals	209.7	217.4	213.0	132.5	144.6	143.8	342.2	362.0	356.8
Natural scientists	7.5	8.0	7.4	* 2.4	* 2.1	* 1.5	9.9	10.1	8.9
Building professionals and engineers	43.1	42.7	47.2	* 1.6	* 1.1	* 1.0	44.7	43.8	48.3
Health diagnosis and treatment practitioners	18.7	16.9	16.0	10.1	14.5	13.8	28.7	31.4	29.8
School teachers	25.0	25.0	24.7	50.5	57.5	53.9	75.5	82.5	78.5
Other teachers and instructors	14.3	18.1	17.2	19.2	19.6	19.4	33.5	37.7	36.6
Social professionals	15.1	19.0	14.8	7.4	6.4	5.5	22.5	25.4	20.3
Business professionals	60.8	65.3	64.5	20.9	28.1	29.9	81.7	93.4	94.4
Artists and related professionals	18.5	15.3	13.9	11.7	6.6	11.5	30.2	22.0	25.3
Miscellaneous professionals	6.6	7.2	7.3	8.8	8.4	7.4	15.4	15.7	14.7
Para-professionals	83.3	79.9	81.3	64.1	70.4	68.1	147.3	150.3	149.5
Medical and science technical officers and technicians	* 2.1	* 4.0	4.6	* 3.2	4.7	5.5	5.3	8.6	10.0
Engineering and building associates and technicians	27.2	22.3	27.0	* 2.8	* 3.1	* 2.6	30.0	25.4	29.6
Air and sea transport technical workers	9.3	* 3.6	* 4.2	* 0.0	* 0.0	* 0.0	9.3	* 3.6	* 4.2
Registered nurses	5.1	6.7	* 4.2	40.9	51.0	45.6	46.0	57.7	49.8
Police	9.7	14.9	15.0	* 2.1	* 2.1	* 3.3	11.8	17.0	18.3
Miscellaneous para-professionals	30.0	28.5	26.4	15.1	9.5	11.1	45.0	38.0	37.5
Tradespersons	367.4	351.5	349.4	36.7	36.5	33.2	404.2	388.0	382.6
Metal fitting and machining tradespersons	43.3	39.9	33.6	* 0.2	* 0.3	* 0.3	43.5	40.2	33.9
Other metal tradespersons	35.1	32.6	35.2	* 0.7	* 0.6	* 0.5	35.8	33.2	35.8
Electrical and electronics tradespersons	60.2	64.2	63.1	* 0.8	* 1.3	* 1.0	60.9	65.5	64.2
Building tradespersons	95.4	81.6	87.4	* 1.0	* 1.4	* 0.7	96.4	82.9	88.1
Printing tradespersons	10.4	14.1	13.6	* 3.3	* 2.1	* 2.0	13.7	16.3	15.6
Vehicle tradespersons	49.7	39.4	41.0	* 0.7	* 0.5	* 0.2	50.4	39.9	41.2
Food tradespersons	27.1	33.1	29.8	7.2	8.8	7.9	34.3	42.0	37.7
Amenity horticultural tradespersons	15.5	12.8	13.0	* 1.7	* 2.1	* 1.7	17.2	14.9	14.7
Miscellaneous tradespersons	30.8	33.8	32.7	21.1	19.4	18.8	51.9	53.2	51.5
Clerks	102.0	109.7	114.4	373.0	368.6	365.3	475.0	478.3	479.7
Stenographers and typists	* 1.2	* 0.8	* 1.6	115.1	104.9	103.9	116.4	105.8	105.5
Data processing and business machine operators	7.6	5.1	7.3	25.7	24.0	20.9	33.3	29.1	28.3
Numerical clerks	38.3	44.2	44.9	92.2	105.5	92.8	130.5	149.7	137.7
Filing, sorting and copying clerks	4.8	4.9	* 4.4	11.2	10.4	12.1	16.1	15.2	16.6
Material recording and despatching clerks	10.4	12.5	13.0	9.6	7.8	8.1	20.0	20.3	21.1
Receptionists, telephonists and messengers	6.4	5.1	6.7	43.6	41.3	47.4	50.0	46.4	54.1
Miscellaneous clerks	33.3	37.0	36.4	75.5	74.6	80.0	108.8	111.7	116.4
Salespersons and personal service workers	135.1	123.6	131.8	233.5	224.0	233.3	368.6	347.6	365.1
Investment, insurance and real estate salespersons	23.4	22.2	24.8	8.4	7.1	7.4	31.8	29.3	32.2
Sales representatives	34.3	33.1	32.5	11.4	10.2	9.9	45.7	43.2	42.3
Sales assistants	45.8	41.7	41.1	104.0	101.3	106.1	149.8	143.0	147.2
Tellers, cashiers and ticket salespersons	5.8	4.7	7.9	39.6	31.4	29.9	45.4	36.2	37.8
Miscellaneous salespersons	21.7	17.4	18.4	32.6	35.4	41.3	54.3	52.8	59.7
Personal service workers	* 4.1	* 4.4	7.1	37.5	38.7	38.8	41.6	43.1	45.9
Plant and machine operators, and drivers	150.2	160.7	152.0	31.3	26.6	24.5	181.5	187.3	176.5
Road and rail transport drivers	77.7	94.6	85.5	6.3	4.8	4.8	84.0	99.4	90.3
Mobile plant operators (except transport)	26.5	24.6	30.9	* 0.5	* 0.3	* 0.3	27.0	24.9	31.2
Stationary plant operators	21.5	19.4	13.4	* 0.2	* 0.3	* 0.0	21.7	19.7	13.4
Machine operators	24.6	22.1	22.2	24.2	21.2	19.4	48.8	43.3	41.6
Labourers and related workers	293.5	267.7	291.3	136.0	124.2	135.2	429.5	391.9	426.6
Trades assistants and factory hands	71.1	66.1	62.6	33.2	26.2	29.3	104.4	92.3	91.8
Agricultural labourers and related workers	38.4	25.6	35.3	11.5	9.8	9.8	49.9	35.4	45.1
Cleaners	22.7	25.0	26.2	44.4	40.7	44.6	67.1	65.7	70.8
Construction and mining labourers	52.1	53.9	64.3	* 0.0	* 0.2	* 0.2	52.1	54.1	64.6
Miscellaneous labourers and related workers	109.2	97.2	102.9	46.9	47.2	51.3	156.0	144.4	154.2
Total	1,559.1	1,535.2	1,550.3	1,073.9	1,065.7	1,079.9	2,633.0	2,600.9	2,630.2

**ANNUAL CHANGE IN EMPLOYMENT BY OCCUPATION GROUP
NOVEMBER 1989 TO NOVEMBER 1990**



**TABLE 8. EMPLOYED PERSONS: STATUS OF WORKER, NSW
('000)**

Status of worker	Males		Females			Persons			
	Nov-ember 1989	August 1990	Nov-ember 1990	Nov-ember 1989	August 1990	Nov-ember 1990	Nov-ember 1989	August 1990	Nov-ember 1990
Wage and salary earners	1,318.4	1,276.1	1,301.9	958.9	945.1	966.8	2,277.3	2,221.3	2,268.7
Employers	84.9	87.3	81.0	34.4	40.2	34.4	119.2	127.5	115.4
Self-employed	148.2	165.1	161.1	70.4	69.0	66.9	218.6	234.1	228.0
Total (a)	1,559.1	1,535.2	1,550.3	1,073.9	1,065.7	1,079.9	2,633.0	2,600.9	2,630.2

(a) Includes unpaid family helpers.

**TABLE 9. EMPLOYED PERSONS: AGE, NSW
('000)**

Month	Age group (years)								Total
	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 - 59	60 - 64	65 and over	
MALES									
1989— November	111.1	174.7	418.9	397.8	270.9	97.4	60.2	28.1	1,559.1
MARRIED FEMALES									
1989— November	* 3.9	38.1	199.0	228.5	136.2	32.2	13.3	* 4.1	655.3
1990— August	* 3.5	39.3	182.1	228.5	136.1	29.3	12.3	5.2	636.2
September	4.9	37.1	189.3	229.4	138.9	33.2	13.9	6.6	653.4
October	* 3.8	36.6	185.4	227.5	142.7	32.1	10.3	7.0	645.4
November	* 2.8	37.5	187.0	236.2	144.0	34.3	10.8	7.3	659.9
ALL FEMALES									
1989— November	107.8	151.3	289.6	286.1	172.0	41.0	18.3	7.8	1,073.9
1990— August	101.1	151.3	278.4	292.4	176.1	39.4	18.8	8.1	1,065.7
September	97.7	152.1	285.1	292.0	181.5	43.0	19.9	11.1	1,082.4
October	99.5	150.3	280.9	285.3	179.3	42.1	16.2	11.6	1,065.2
November	96.8	151.2	281.0	293.7	182.1	46.5	17.7	10.9	1,079.9
PERSONS									
1989— November	219.0	326.0	708.5	683.9	442.9	138.4	78.5	35.9	2,633.0
1990— August	207.5	316.1	683.9	688.0	458.0	135.3	76.4	35.6	2,600.9
September	210.5	326.7	695.3	691.9	464.9	139.6	80.7	40.6	2,650.3
October	208.9	323.3	692.4	684.1	461.8	135.5	78.6	37.4	2,622.0
November	203.1	318.2	695.4	690.3	466.6	137.7	80.1	38.9	2,630.2

**ANNUAL CHANGE IN EMPLOYMENT BY AGE
NOVEMBER 1989 TO NOVEMBER 1990**

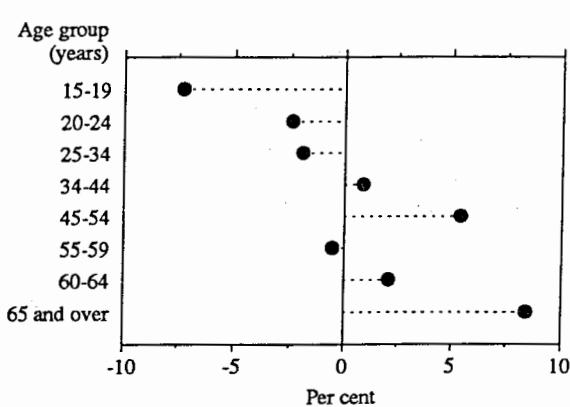
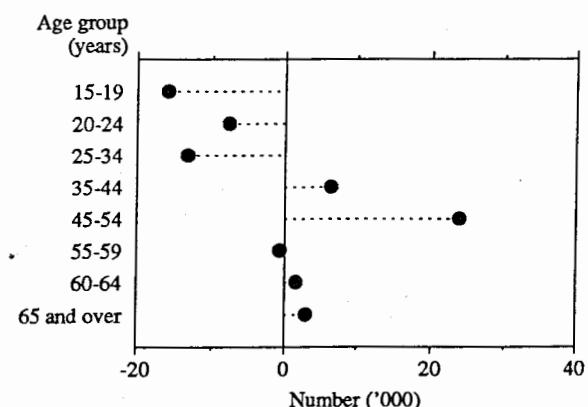


TABLE 10. UNEMPLOYED PERSONS: AGE, NSW
('000)

Month	Age group (years)						Total
	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 and over	
MALES							
1989— November	13.4	14.5	22.1	10.6	9.7	9.8	79.9
FEMALES							
1989— November	12.9	11.5	18.1	13.1	7.0	* 2.4	64.9
1990— August	18.7	21.0	32.4	16.7	8.5	8.6	105.8
September	18.0	19.8	32.4	20.4	11.9	10.0	112.5
October	15.0	17.3	27.6	19.8	11.8	10.5	102.0
November	21.4	21.0	28.2	20.1	11.9	11.4	114.1
PERSONS							
1989— November	26.3	26.0	40.2	23.7	16.6	12.2	144.9
1990— August	35.4	33.2	52.1	31.9	15.1	10.5	178.2
September	37.7	32.0	55.0	37.9	19.5	11.8	194.0
October	32.9	29.8	43.4	36.6	19.6	12.9	175.1
November	41.9	32.7	44.7	33.5	20.2	13.7	186.7

TABLE 11. UNEMPLOYED PERSONS: UNEMPLOYMENT RATE BY AGE, NSW
(per cent)

Month	Age group (years)						Total
	15 - 19	20 - 24	25 - 34	35 - 44	45 - 54	55 and over	
MALES							
1989— November	10.7	7.7	5.0	2.6	3.4	5.0	4.9
1990— August	14.9	11.3	7.4	4.1	2.9	4.5	6.4
September	13.8	10.2	7.3	4.9	4.0	5.1	6.7
October	12.1	9.1	6.3	4.7	4.0	5.5	6.1
November	16.8	11.2	6.4	4.8	4.0	5.9	6.9
FEMALES							
1989— November	10.7	7.1	5.9	4.4	3.9	* 2.4	5.7
1990— August	14.2	7.5	6.6	4.9	3.6	* 1.9	6.4
September	16.8	7.4	7.3	5.7	4.1	* 1.8	7.0
October	15.2	7.7	5.3	5.6	4.2	* 2.4	6.4
November	17.5	7.2	5.6	4.4	4.3	* 2.3	6.3
PERSONS							
1989— November	10.7	7.4	5.4	3.3	3.6	4.6	5.2
1990— August	14.6	9.5	7.1	4.4	3.2	4.1	6.4
September	15.2	8.9	7.3	5.2	4.0	4.3	6.8
October	13.6	8.4	5.9	5.1	4.1	4.9	6.3
November	17.1	9.3	6.0	4.6	4.1	5.1	6.6

TABLE 12. UNEMPLOYED PERSONS: INDUSTRY AND OCCUPATION OF LAST FULL-TIME JOB, NSW
('000)

	Males		Females		Persons		
	Nov-ember 1989	Nov-ember 1990	Nov-ember 1989	Nov-ember 1990	Nov-ember 1989	August 1990	Nov-ember 1990
<i>Had worked for two weeks or more in a full-time job in the last two years</i>	45.7	70.6	24.5	30.0	70.2	102.6	100.6
Industry division—							
Agriculture, forestry, fishing and hunting	* 3.2	* 3.8	* 1.3	* 0.7	4.5	5.0	4.5
Manufacturing	11.5	16.8	* 3.3	4.6	14.8	26.0	21.4
Construction	8.4	13.8	* 0.2	* 0.0	8.6	15.4	13.8
Wholesale and retail trade	9.6	18.2	6.0	7.0	15.6	24.9	25.2
Transport and storage	* 2.2	* 2.3	* 0.4	* 0.7	* 2.6	* 3.2	* 3.0
Finance property and business services	* 2.6	5.6	4.5	5.4	7.1	7.4	10.9
Community services	* 1.6	* 2.4	5.4	4.7	7.0	9.4	7.1
Recreation, personal and other services	* 2.7	* 3.7	* 3.1	5.6	5.8	7.2	9.3
Other industries (a)	* 3.9	* 4.1	* 0.2	* 1.2	* 4.1	* 4.2	5.4
Major occupation group—							
Managers and administrators	* 2.3	* 1.5	* 0.0	* 0.3	* 2.3	* 4.1	* 1.8
Professionals	* 2.5	* 3.7	* 3.2	* 2.1	5.8	6.8	5.8
Para-professionals	* 1.5	* 2.1	* 1.0	* 1.0	* 2.5	* 2.1	* 3.1
Tradespersons	8.5	18.6	* 0.5	* 1.7	9.0	18.6	20.3
Clerks	* 1.8	4.9	7.9	9.3	9.6	11.0	14.2
Salespersons and personal service workers	* 4.4	7.0	6.4	8.2	10.8	14.8	15.2
Plant and machine operators, and drivers	5.1	5.0	* 1.0	* 1.0	6.1	7.8	6.0
Labourers and related workers	19.6	27.9	4.5	6.4	24.1	37.3	34.2
<i>Had not worked full-time for two weeks or more in the last two years</i>	33.2	42.4	38.7	39.9	71.9	69.9	82.3
Looking for first job	8.1	11.7	8.2	11.9	16.3	17.8	23.5
Had worked at some time in the past	25.1	30.7	30.5	28.0	55.7	52.1	58.7
<i>Stood down</i>	* 1.0	* 1.1	* 1.7	* 2.8	* 2.7	5.7	* 3.9
Total	79.9	114.1	64.9	72.7	144.9	178.2	186.7

(a) Comprises Mining, Electricity, gas and water, Communication, and Public administration and defence.

UNEMPLOYMENT RATE BY AGE

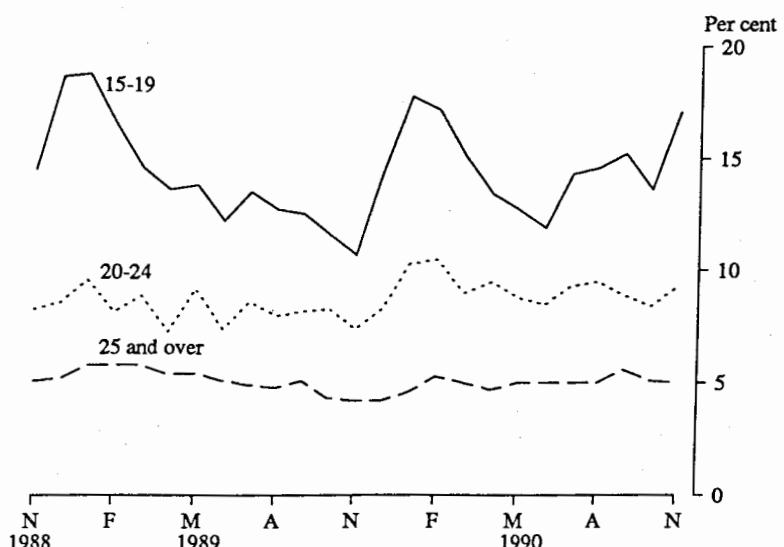


TABLE 13. UNEMPLOYED PERSONS: DURATION OF UNEMPLOYMENT, NSW

Duration of unemployment (weeks)	Males		Females			Persons			'000
	November 1989	November 1990	November 1989	November 1990	November 1989	August 1990	September 1990	October 1990	
'000									
Under 2	6.4	9.4	9.4	7.0	15.8	13.1	16.9	11.8	16.4
2 and under 4	5.9	9.3	6.7	12.2	12.6	20.5	21.1	17.7	21.4
4 and under 8	7.6	13.0	8.6	10.7	16.2	21.8	25.8	23.1	23.8
8 and under 13	9.1	12.4	6.9	9.4	16.0	20.6	22.2	23.1	21.9
13 and under 26	10.1	17.2	5.7	9.0	15.7	23.8	22.5	20.2	26.3
26 and under 39	8.0	12.1	6.5	6.2	14.5	27.0	30.7	20.1	18.3
39 and under 52	5.8	6.7	5.2	5.9	11.0	7.4	6.5	14.4	12.6
52 and under 104	8.2	9.6	7.0	6.9	15.1	18.5	19.4	17.2	16.4
104 and over	18.9	24.4	9.1	5.3	28.0	25.5	28.9	27.6	29.7
Total	79.9	114.1	64.9	72.7	144.9	178.2	194.0	175.1	186.7
WEEKS									
Average	66.7	60.5	46.2	35.4	57.5	52.0	50.4	51.1	50.7
Median	26	20	13	10	20	17	17	17	15

AVERAGE DURATION OF UNEMPLOYMENT BY AGE

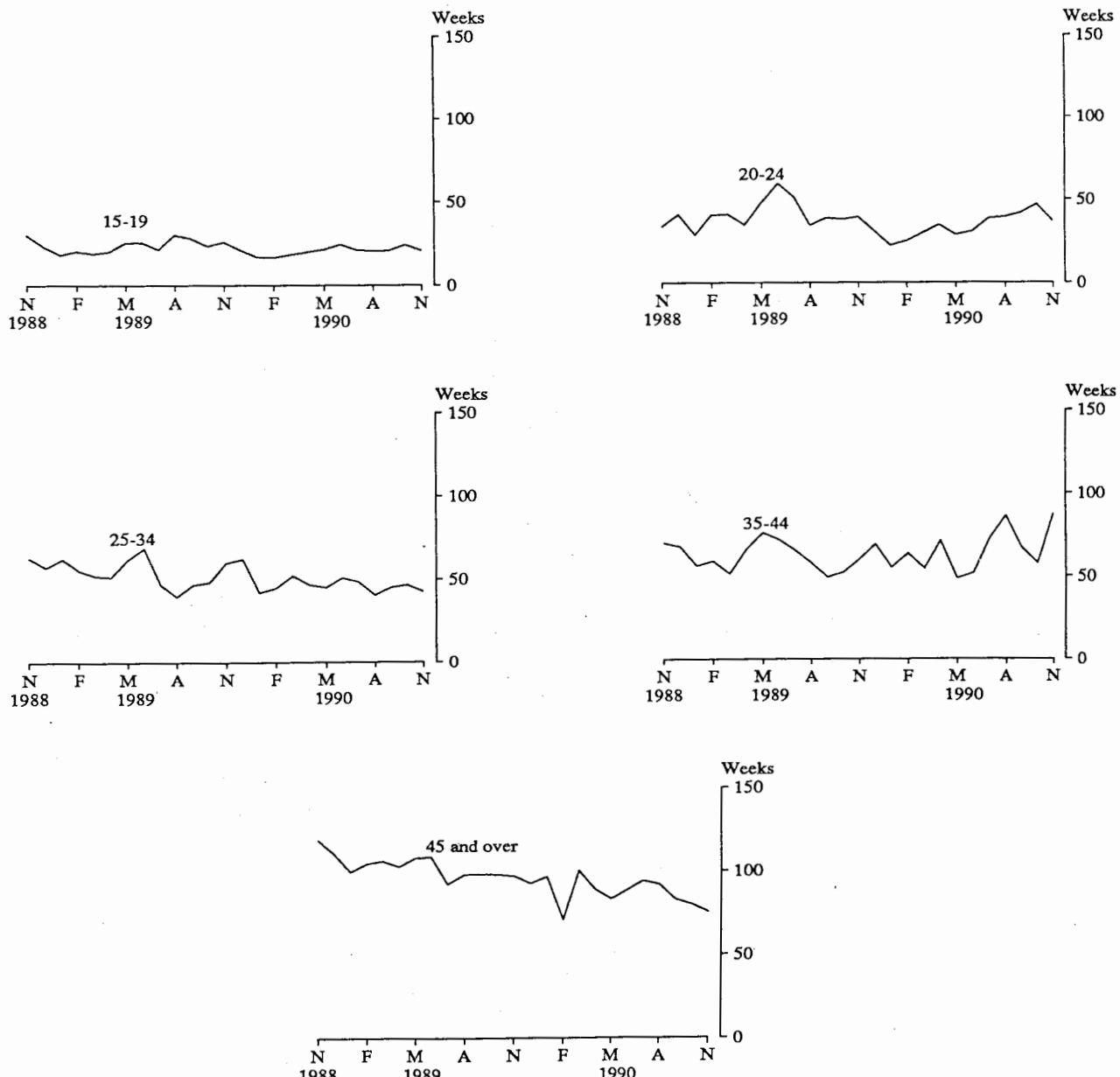


TABLE 14. UNEMPLOYED PERSONS: DURATION OF UNEMPLOYMENT BY AGE, NSW

Month	Duration of unemployment (weeks)					Total ('000)	Average duration (weeks)	Median duration (weeks)
	Under 13 ('000)	13 and under 26 ('000)	26 and under 39 ('000)	39 and under 104 ('000)	104 and over ('000)			
15 — 19								
1989—November	15.5	* 2.7	* 1.9	* 4.1	* 2.0	26.3	25.8	8
20 — 24								
1989—November	12.5	* 3.4	* 2.8	* 3.8	* 3.5	26.0	39.5	13
1990—August	13.9	4.7	5.7	5.2	* 3.7	33.2	39.5	17
September	14.6	* 3.2	* 4.3	6.0	* 3.9	32.0	42.1	17
October	11.8	* 3.7	* 3.4	6.0	4.8	29.8	47.1	17
November	14.2	5.7	* 2.6	6.6	* 3.5	32.7	36.8	15
25 — 34								
1989—November	15.5	4.7	5.1	6.7	8.1	40.2	59.9	24
1990—August	21.5	7.5	9.6	7.8	5.8	52.1	40.7	17
September	24.4	7.3	9.1	7.8	6.4	55.0	45.2	16
October	19.6	4.6	6.6	7.4	5.2	43.4	46.7	16
November	20.5	7.4	* 4.2	6.2	6.4	44.7	42.8	15
35 — 44								
1989—November	9.0	* 2.7	* 2.0	* 4.2	5.8	23.7	60.0	26
1990—August	12.2	4.8	* 3.2	5.1	6.6	31.9	86.1	19
September	16.2	5.2	5.3	* 3.5	7.7	37.9	67.0	17
October	16.4	5.5	* 3.2	4.8	6.7	36.6	57.8	15
November	12.6	* 4.0	* 4.4	* 3.9	8.6	33.5	87.2	26
45 AND OVER								
1989—November	8.1	* 2.2	* 2.6	7.3	8.6	28.8	97.4	45
1990—August	8.9	* 1.3	* 2.4	* 4.3	8.6	25.6	92.4	39
September	11.7	* 1.8	4.6	* 3.1	10.1	31.3	83.3	31
October	10.1	* 3.1	* 2.3	7.0	9.9	32.5	80.3	39
November	12.5	* 3.1	* 3.3	5.6	9.5	33.9	75.6	30
TOTAL								
1989—November	60.6	15.7	14.5	26.1	28.0	144.9	57.5	20
1990—August	76.0	23.8	27.0	25.9	25.5	178.2	52.0	17
September	85.9	22.5	30.7	25.9	28.9	194.0	50.4	17
October	75.8	20.2	20.1	31.5	27.6	175.1	51.1	17
November	83.4	26.3	18.3	29.1	29.7	186.7	50.7	15

TABLE 15. UNEMPLOYED PERSONS: UNEMPLOYMENT RATE BY BIRTHPLACE AND PERIOD OF ARRIVAL, NSW
(per cent)

	November 1989	August 1990	September 1990	October 1990	November 1990
Birthplace—					
Australia	4.8	6.1	6.2	5.5	5.9
Outside Australia	6.2	7.4	8.4	8.1	8.5
Main English speaking countries	3.7	4.6	5.5	5.8	5.5
Other countries	7.7	8.9	10.0	9.4	10.2
Period of arrival of overseas born—					
Before 1961	* 4.1	3.7	4.8	5.1	4.9
1961 — 1970	5.6	5.7	6.5	6.9	6.3
1971 — 1980	6.6	7.3	9.4	7.8	8.6
1981 to survey date	8.2	11.0	11.6	11.3	12.4
Total	5.2	6.4	6.8	6.3	6.6

TABLE 16. LABOUR FORCE STATUS, SYDNEY MAJOR STATISTICAL REGION

Month	Employed			Unemployed			Labour force ('000)	Not in labour force ('000)	Civilian population aged 15 and over ('000)	Unemployment rate (per cent)	Participation rate (per cent)
	Full-time workers ('000)	Part-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Looking for part-time work ('000)	Total ('000)					
MALES											
November—											
1986	871.5	54.3	925.8	65.5	6.2	71.7	997.5	334.0	1,331.5	7.2	74.9
1987	870.5	67.2	937.7	60.5	4.6	65.1	1,002.8	357.9	1,360.7	6.5	73.7
1988	900.0	73.2	973.2	45.8	5.0	50.7	1,023.9	360.4	1,384.3	5.0	74.0
1989—											
September	929.0	78.3	1,007.3	44.6	7.6	52.2	1,059.5	340.4	1,399.9	4.9	75.7
October	929.7	80.2	1,009.9	39.0	6.1	45.2	1,055.1	345.4	1,400.5	4.3	75.3
November	935.3	73.2	1,008.5	36.7	* 4.5	41.2	1,049.7	351.3	1,401.0	3.9	74.9
1990—											
August	917.6	76.1	993.6	53.9	6.7	60.6	1,054.3	360.0	1,414.3	5.8	74.5
September	937.4	78.3	1,015.7	57.7	7.8	65.5	1,081.2	334.8	1,416.0	6.1	76.4
October	933.0	75.1	1,008.1	52.1	* 4.5	56.5	1,064.7	353.6	1,418.2	5.3	75.1
November	925.2	73.5	998.7	58.2	5.8	64.1	1,062.8	357.6	1,420.4	6.0	74.8
MARRIED FEMALES											
November—											
1986	205.9	159.0	365.0	8.4	6.9	15.3	380.3	401.7	782.0	4.0	48.6
1987	221.0	154.2	375.2	10.3	7.9	18.2	393.4	398.3	791.8	4.6	49.7
1988	241.6	158.2	399.7	12.3	* 3.4	15.7	415.5	408.1	823.6	3.8	50.4
1989—											
September	246.3	180.6	426.9	10.6	8.7	19.3	446.2	375.7	821.9	4.3	54.3
October	240.0	178.4	418.5	7.1	7.4	14.6	433.1	389.2	822.3	3.4	52.7
November	244.7	184.8	429.4	9.4	6.0	15.4	444.8	378.5	823.4	3.5	54.0
1990—											
August	240.1	164.3	404.4	8.2	6.9	15.1	419.5	390.1	809.6	3.6	51.8
September	243.4	174.6	418.0	9.0	8.5	17.5	435.5	381.6	817.1	4.0	53.3
October	242.4	173.9	416.3	9.5	5.7	15.2	431.5	395.2	826.7	3.5	52.2
November	246.9	176.4	423.3	8.0	6.4	14.4	437.7	393.9	831.6	3.3	52.6
ALL FEMALES											
November—											
1986	417.2	214.5	631.7	28.9	13.1	41.9	673.7	716.7	1,390.4	6.2	48.5
1987	436.9	213.8	650.7	35.6	16.6	52.3	703.0	716.8	1,419.8	7.4	49.5
1988	456.3	226.0	682.3	30.3	11.4	41.8	724.1	719.6	1,443.7	5.8	50.2
1989—											
September	470.0	257.6	727.5	25.1	16.4	41.4	769.0	689.4	1,458.4	5.4	52.7
October	466.1	257.6	723.8	20.6	13.8	34.4	758.1	700.9	1,459.0	4.5	52.0
November	469.4	266.9	736.3	24.2	10.5	34.7	770.9	688.7	1,459.6	4.5	52.8
1990—											
August	475.5	240.4	715.9	25.4	14.0	39.4	755.3	716.6	1,471.9	5.2	51.3
September	477.2	251.5	728.7	26.9	16.5	43.4	772.1	701.5	1,473.7	5.6	52.4
October	466.0	248.5	714.5	25.9	13.4	39.3	753.9	721.8	1,475.7	5.2	51.1
November	467.5	252.6	720.1	25.9	13.6	39.5	759.6	718.1	1,477.6	5.2	51.4
PERSONS											
November—											
1986	1,288.7	268.8	1,557.5	94.4	19.3	113.6	1,671.1	1,050.7	2,721.8	6.8	61.4
1987	1,307.5	281.0	1,588.5	96.1	21.2	117.3	1,705.8	1,074.7	2,780.5	6.9	61.3
1988	1,356.3	299.2	1,655.5	76.1	16.4	92.5	1,748.0	1,079.9	2,828.0	5.3	61.8
1989—											
September	1,399.0	335.8	1,734.9	69.7	24.0	93.7	1,828.5	1,029.8	2,858.3	5.1	64.0
October	1,395.8	337.8	1,733.7	59.6	19.9	79.5	1,813.2	1,046.3	2,859.5	4.4	63.4
November	1,404.7	340.1	1,744.7	60.9	15.0	75.9	1,820.6	1,040.0	2,860.6	4.2	63.6
1990—											
August	1,393.0	316.5	1,709.5	79.3	20.7	100.1	1,809.6	1,076.6	2,886.2	5.5	62.7
September	1,414.5	329.8	1,744.4	84.7	24.3	108.9	1,853.3	1,036.4	2,889.7	5.9	64.1
October	1,399.0	323.7	1,722.6	78.0	17.9	95.9	1,818.5	1,075.4	2,893.9	5.3	62.8
November	1,392.7	326.1	1,718.8	84.1	19.4	103.6	1,822.4	1,075.7	2,898.1	5.7	62.9

TABLE 17. LABOUR FORCE STATUS, BALANCE OF NEW SOUTH WALES MAJOR STATISTICAL REGION

Month	Employed			Unemployed			Labour force ('000)	Not in labour force ('000)	Civilian population aged 15 and over ('000)	Unemployment rate (per cent)	Participation rate (percent)
	Full-time workers ('000)	Part-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Looking for part-time work ('000)	Total ('000)					
MALES											
November—											
1986	474.6	36.8	511.4	55.9	* 2.5	58.4	569.8	203.8	773.6	10.2	73.7
1987	488.1	38.8	526.8	48.2	* 3.9	52.0	578.8	208.3	787.1	9.0	73.5
1988	496.9	35.8	532.7	42.7	* 3.6	46.2	579.0	222.1	801.0	8.0	72.3
1989—											
September	507.3	43.3	550.7	45.2	* 4.1	49.2	599.9	211.8	811.7	8.2	73.9
October	507.6	39.6	547.2	37.7	* 4.2	41.9	589.1	223.1	812.3	7.1	72.5
November	505.5	45.1	550.6	36.0	* 2.8	38.7	589.4	223.4	812.8	6.6	72.5
1990—											
August	496.8	44.8	541.6	40.9	* 4.3	45.2	586.8	232.0	818.8	7.7	71.7
September	505.9	46.4	552.3	41.7	5.3	47.0	599.3	220.3	819.6	7.8	73.1
October	502.7	46.0	548.7	41.0	* 4.5	45.5	594.2	226.5	820.6	7.6	72.4
November	507.5	44.0	551.6	44.9	5.1	50.0	601.6	220.1	821.7	8.3	73.2
MARRIED FEMALES											
November—											
1986	97.6	104.2	201.8	10.5	3.8	14.3	216.1	271.9	488.0	6.6	44.3
1987	115.9	99.2	215.2	8.8	* 3.0	11.8	227.0	268.4	495.4	5.2	45.8
1988	117.7	110.7	228.3	7.3	6.1	13.5	241.8	260.4	502.2	5.6	48.1
1989—											
September	120.3	109.5	229.8	5.4	7.2	12.6	242.5	274.1	516.6	5.2	46.9
October	121.4	96.9	218.3	5.3	6.0	11.3	229.5	290.7	520.2	4.9	44.1
November	120.8	105.1	225.9	6.4	4.5	10.9	236.8	282.6	519.4	4.6	45.6
1990—											
August	112.9	118.9	231.8	7.4	4.4	11.8	243.6	268.2	511.8	4.8	47.6
September	118.6	116.9	235.4	7.1	5.6	12.8	248.2	261.5	509.7	5.1	48.7
October	117.0	112.0	229.1	5.6	6.2	11.8	240.9	272.9	513.8	4.9	46.9
November	119.2	117.4	236.6	5.7	4.4	10.1	246.7	264.3	511.0	4.1	48.3
ALL FEMALES											
November—											
1986	169.9	132.6	302.5	29.7	7.3	37.1	339.6	445.7	785.4	10.9	43.2
1987	185.0	134.3	319.3	29.6	6.4	36.0	355.2	444.5	799.7	10.1	44.4
1988	191.1	148.1	339.2	23.1	9.9	33.0	372.2	441.1	813.3	8.9	45.8
1989—											
September	197.1	145.3	342.4	21.4	10.3	31.6	374.1	450.1	824.2	8.5	45.4
October	198.2	134.4	332.5	21.0	9.5	30.4	363.0	461.9	824.8	8.4	44.0
November	196.1	141.5	337.6	20.8	9.4	30.2	367.8	457.6	825.5	8.2	44.6
1990—											
August	190.6	159.2	349.8	23.3	9.6	33.0	382.7	449.3	832.0	8.6	46.0
September	195.4	158.3	353.7	26.4	11.6	38.0	391.7	441.2	832.9	9.7	47.0
October	192.4	158.3	350.7	22.5	11.3	33.8	384.5	449.4	833.9	8.8	46.1
November	197.3	162.5	359.8	23.1	10.1	33.2	393.0	441.9	834.9	8.4	47.1
PERSONS											
November—											
1986	644.5	169.5	814.0	85.6	9.8	95.4	909.4	649.5	1,558.9	10.5	58.3
1987	673.1	173.0	846.1	77.8	10.2	88.0	934.1	652.8	1,586.8	9.4	58.9
1988	688.0	183.9	872.0	65.8	13.4	79.2	951.2	663.2	1,614.3	8.3	58.9
1989—											
September	704.4	188.7	893.1	66.5	14.3	80.9	974.0	662.0	1,635.9	8.3	59.5
October	705.8	174.0	879.8	58.6	13.7	72.3	952.1	685.0	1,637.1	7.6	58.2
November	701.7	186.6	888.2	56.8	12.2	69.0	957.2	681.0	1,638.3	7.2	58.4
1990—											
August	687.4	204.0	891.3	64.2	13.9	78.1	969.5	681.3	1,650.8	8.1	58.7
September	701.3	204.7	906.0	68.1	16.9	85.0	991.0	661.5	1,652.4	8.6	60.0
October	695.1	204.3	899.4	63.5	15.8	79.3	978.7	675.8	1,654.5	8.1	59.2
November	704.9	206.5	911.4	68.0	15.2	83.2	994.6	662.0	1,656.6	8.4	60.0

TABLE 18. LABOUR FORCE STATUS, STATISTICAL REGIONS OF NSW

Month	Employed			Unemployed				Not in labour force ('000)	Unemployment rate (per cent)	Participation rate (per cent)
	Full-time workers ('000)	Part-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Total ('000)	Labour force ('000)				
INNER SYDNEY AND INNER WESTERN SYDNEY STATISTICAL REGIONS										
MALES— 1989— November	98.5	7.2	105.7	5.7	6.6	112.3	50.6	5.9	69.0	
1990— September	102.1	11.3	113.3	10.2	11.5	124.9	44.5	9.2	73.7	
October	103.6	11.6	115.2	7.6	7.8	123.0	48.8	6.4	71.6	
November	100.0	12.4	112.3	7.0	7.5	119.9	51.9	6.3	69.8	
FEMALES— 1989— November	63.6	22.7	86.3	4.2	5.2	91.5	67.8	5.7	57.5	
1990— September	71.9	17.7	89.6	* 3.4	4.2	93.8	74.0	4.4	55.9	
October	70.0	20.3	90.2	* 2.8	5.0	95.3	75.4	5.3	55.8	
November	66.1	21.6	87.7	* 3.0	5.3	93.0	70.5	5.7	56.9	
PERSONS— 1989— November	162.2	29.9	192.0	9.9	11.8	203.8	118.3	5.8	63.3	
1990— September	173.9	29.0	202.9	13.6	15.7	218.6	118.5	7.2	64.8	
October	173.6	31.9	205.5	10.4	12.8	218.3	124.2	5.9	63.7	
November	166.1	34.0	200.1	10.0	12.8	212.9	122.4	6.0	63.5	
INNER SYDNEY STATISTICAL REGION										
MALES— 1989— November	59.7	* 3.4	63.1	4.2	4.4	67.5	27.8	6.5	70.8	
1990— September	59.9	5.9	65.8	5.7	6.2	72.0	30.0	8.6	70.6	
October	62.9	5.8	68.6	3.7	3.7	72.3	32.4	5.1	69.0	
November	62.9	6.2	69.1	3.6	3.6	72.7	34.3	4.9	67.9	
FEMALES— 1989— November	43.3	11.5	54.7	* 2.5	3.5	58.2	38.4	5.9	60.2	
1990— September	45.6	9.9	55.5	* 1.8	* 2.3	57.8	41.0	* 4.0	58.5	
October	46.4	10.9	57.3	* 1.8	* 3.0	60.4	42.8	* 5.0	58.5	
November	47.5	11.9	59.4	* 2.0	3.5	62.9	40.6	5.6	60.8	
PERSONS— 1989— November	102.9	14.9	117.8	6.7	7.9	125.7	66.2	6.3	65.5	
1990— September	105.4	15.9	121.3	7.5	8.5	129.8	71.0	6.5	64.6	
October	109.3	16.7	126.0	5.5	6.7	132.7	75.2	5.1	63.8	
November	110.4	18.1	128.5	5.6	7.1	135.6	74.9	5.2	64.4	
EASTERN SUBURBS STATISTICAL REGION										
MALES— 1989— November	55.1	7.1	62.2	* 2.1	* 2.8	65.0	27.0	* 4.2	70.7	
1990— September	59.0	3.6	62.6	3.4	3.4	66.0	19.7	5.1	77.0	
October	59.7	3.4	63.2	* 2.7	3.2	66.4	20.1	4.9	76.8	
November	52.9	* 2.8	55.7	3.0	3.0	58.7	20.2	5.0	74.4	
FEMALES— 1989— November	35.5	11.7	47.3	* 1.4	* 2.4	49.7	43.1	* 4.8	53.6	
1990— September	37.7	13.1	50.8	* 1.3	* 1.3	52.1	44.4	* 2.5	54.0	
October	37.6	14.4	52.0	* 1.0	* 1.3	53.4	42.8	* 2.4	55.5	
November	34.8	13.7	48.5	* 1.0	* 1.6	50.1	43.6	* 3.1	53.5	
PERSONS— 1989— November	90.7	18.8	109.5	3.5	5.2	114.7	70.0	4.5	62.1	
1990— September	96.7	16.7	113.4	4.7	4.7	118.1	64.1	4.0	64.8	
October	97.3	17.9	115.2	3.8	4.5	119.8	62.8	3.8	65.6	
November	87.7	16.5	104.2	4.0	4.5	108.8	63.7	4.2	63.1	

TABLE 18. LABOUR FORCE STATUS, STATISTICAL REGIONS OF NSW —continued

Month	Employed			Unemployed			Not in labour force ('000)	Unemployment rate (per cent)	Participation rate (per cent)
	Full-time workers ('000)	Part-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Total ('000)	Labour force ('000)			
ST GEORGE-SUTHERLAND STATISTICAL REGION									
MALES— 1989— November	115.5	7.1	122.6	* 0.8	* 0.8	123.5	37.2	* 0.7	76.9
1990— September	113.7	11.2	125.0	5.0	5.2	130.1	39.5	4.0	76.7
October	107.7	8.9	116.6	4.7	4.9	121.5	44.0	4.0	73.4
November	113.6	8.9	122.5	4.2	4.5	127.0	42.8	3.5	74.8
FEMALES— 1989— November	52.5	34.2	86.8	* 2.2	* 2.9	89.7	81.9	* 3.3	52.3
1990— September	56.4	28.7	85.1	* 1.2	3.6	88.7	82.8	4.0	51.7
October	54.9	28.3	83.2	* 2.1	3.4	86.6	84.7	3.9	50.6
November	54.5	29.6	84.1	* 2.5	3.3	87.4	84.4	3.8	50.9
PERSONS— 1989— November	168.0	41.4	209.4	3.1	3.8	213.2	119.1	1.8	64.2
1990— September	170.1	39.9	210.1	6.2	8.7	218.8	122.2	4.0	64.2
October	162.6	37.3	199.8	6.8	8.3	208.1	128.6	4.0	61.8
November	168.1	38.5	206.6	6.8	7.8	214.4	127.2	3.6	62.8
CANTERBURY-BANKSTOWN STATISTICAL REGION									
MALES— 1989— November	73.2	3.5	76.7	4.1	4.3	81.0	35.1	5.3	69.7
1990— September	73.0	4.3	77.3	5.7	6.5	83.8	32.9	7.7	71.8
October	76.4	4.2	80.6	4.0	4.0	84.6	34.8	4.7	70.9
November	77.9	4.5	82.4	5.7	6.2	88.7	36.3	7.0	71.0
FEMALES— 1989— November	37.5	18.1	55.6	* 1.7	2.6	58.2	59.5	4.5	49.4
1990— September	41.4	14.6	56.0	4.6	6.9	62.9	60.3	11.0	51.1
October	38.5	16.5	55.0	2.6	3.2	58.2	65.5	5.4	47.1
November	38.6	15.9	54.4	2.8	3.8	58.2	65.5	6.5	47.1
PERSONS— 1989— November	110.7	21.6	132.3	5.8	6.9	139.2	94.7	5.0	59.5
1990— September	114.4	18.8	133.3	10.4	13.4	146.7	93.2	9.1	61.2
October	115.0	20.7	135.7	6.6	7.1	142.8	100.3	5.0	58.8
November	116.5	20.4	136.9	8.5	10.1	146.9	101.8	6.8	59.1
FAIRFIELD-LIVERPOOL AND OUTER SOUTH WESTERN SYDNEY STATISTICAL REGIONS									
MALES— 1989— November	122.0	8.8	130.8	9.3	10.0	140.9	37.7	7.1	78.9
1990— September	125.2	8.5	133.8	13.0	14.1	147.9	36.0	9.6	80.4
October	129.9	7.4	137.2	10.7	11.3	148.5	41.3	7.6	78.2
November	125.9	8.1	134.1	12.8	13.5	147.6	37.5	9.2	79.7
FEMALES— 1989— November	51.6	27.8	79.4	6.9	8.8	88.2	89.6	10.0	49.6
1990— September	49.3	30.5	79.8	5.2	7.3	87.1	84.1	8.4	50.9
October	52.9	26.5	79.5	5.0	8.3	87.8	90.0	9.5	49.4
November	53.7	26.1	79.8	4.5	5.7	85.6	93.2	6.7	47.9
PERSONS— 1989— November	173.6	36.6	210.2	16.1	18.8	229.0	127.3	8.2	64.3
1990— September	174.5	39.1	213.6	18.2	21.4	235.0	120.1	9.1	66.2
October	182.8	33.9	216.7	15.7	19.6	236.3	131.3	8.3	64.3
November	179.6	34.3	213.9	17.3	19.3	233.2	130.7	8.3	64.1

TABLE 18. LABOUR FORCE STATUS, STATISTICAL REGIONS OF NSW —continued

Month	Employed			Unemployed			Not in labour force ('000)	Unemployment rate (per cent)	Participation rate (per cent)
	Full-time workers ('000)	Part-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Total ('000)	Labour force ('000)			
FAIRFIELD-LIVERPOOL STATISTICAL REGION									
MALES— 1989— November	74.8	5.4	80.2	5.2	5.5	85.7	28.4	6.4	75.1
1990— September	76.0	3.3	79.2	10.1	10.6	89.9	25.8	11.8	77.7
October	78.9	2.6	81.5	8.5	8.7	90.2	29.0	9.7	75.7
November	73.5	3.0	76.5	8.6	8.6	85.1	26.3	10.1	76.4
FEMALES— 1989— November	29.7	14.8	44.5	4.0	5.2	49.8	61.9	10.5	44.6
1990— September	29.9	17.0	46.8	4.0	5.5	52.4	55.7	10.5	48.5
October	32.3	15.2	47.5	4.2	6.8	54.3	60.8	12.5	47.2
November	33.8	12.2	46.0	3.0	3.2	49.3	64.4	6.5	43.3
PERSONS— 1989— November	104.6	20.2	124.7	9.2	10.7	135.5	90.3	7.9	60.0
1990— September	105.9	20.2	126.1	14.0	16.2	142.2	81.4	11.4	63.6
October	111.2	17.8	129.0	12.6	15.5	144.5	89.7	10.7	61.7
November	107.3	15.3	122.5	11.5	11.8	134.3	90.7	8.8	59.7
CENTRAL WESTERN SYDNEY STATISTICAL REGION									
MALES— 1989— November	76.1	5.6	81.7	5.1	5.3	87.0	31.7	6.1	73.3
1990— September	70.6	5.3	75.9	6.0	7.3	83.2	33.2	8.8	71.5
October	69.4	7.2	76.5	7.6	7.9	84.4	30.1	9.3	73.7
November	71.2	4.1	75.3	9.2	9.7	85.0	29.2	11.4	74.5
FEMALES— 1989— November	38.7	18.1	56.7	* 1.7	* 2.2	58.9	61.3	* 3.7	49.0
1990— September	32.1	18.0	50.1	* 1.2	3.3	53.4	68.7	6.1	43.7
October	28.9	19.4	48.3	* 2.5	3.3	51.5	66.4	6.3	43.7
November	32.8	17.8	50.6	* 2.8	3.6	54.1	64.7	6.6	45.5
PERSONS— 1989— November	114.7	23.7	138.4	6.8	7.5	145.9	93.0	5.1	61.1
1990— September	102.7	23.3	126.0	7.3	10.6	136.6	102.0	7.7	57.3
October	98.2	26.5	124.8	10.1	11.1	135.9	96.5	8.2	58.5
November	104.0	21.9	125.8	12.0	13.3	139.1	93.9	9.5	59.7
OUTER WESTERN SYDNEY STATISTICAL REGION									
MALES— 1989— November	72.0	* 2.9	74.9	* 1.3	* 1.3	76.2	19.2	* 1.7	79.9
1990— September	68.9	3.6	72.5	* 1.5	* 2.1	74.6	13.9	* 2.8	84.3
October	65.0	4.2	69.2	* 1.7	* 2.2	71.5	16.1	* 3.1	81.6
November	65.0	3.1	68.1	* 1.8	* 2.3	70.4	16.1	* 3.3	81.4
FEMALES— 1989— November	36.3	19.1	55.4	* 1.0	* 2.7	58.1	42.9	* 4.7	57.5
1990— September	32.8	19.5	52.3	* 2.0	3.5	55.8	41.0	6.2	57.6
October	31.0	21.5	52.4	* 1.0	* 2.2	54.6	42.0	* 4.0	56.5
November	30.2	20.5	50.7	* 1.2	* 2.5	53.2	42.5	* 4.7	55.6
PERSONS— 1989— November	108.3	22.0	130.2	* 2.3	4.0	134.2	62.1	3.0	68.4
1990— September	101.7	23.2	124.8	3.5	5.6	130.4	55.0	4.3	70.3
October	96.0	25.7	121.7	* 2.7	4.4	126.1	58.0	3.5	68.5
November	95.2	23.6	118.8	3.1	4.9	123.7	58.6	3.9	67.8

TABLE 18. LABOUR FORCE STATUS, STATISTICAL REGIONS OF NSW —continued

Month	Employed			Unemployed			Not in labour force ('000)	Unemployment rate (per cent)	Participation rate (per cent)
	Full-time workers ('000)	Part-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Total ('000)	Labour force ('000)			
BLACKTOWN-BAULKHAM HILLS STATISTICAL REGION									
MALES— 1989— November	91.0	5.8	96.8	3.3	3.8	100.6	19.3	3.8	83.9
1990— September	91.9	6.7	98.6	3.9	4.6	103.2	26.7	4.5	79.5
October	89.0	5.9	94.8	4.2	4.6	99.5	27.1	4.7	78.6
November	84.3	7.5	91.8	4.4	5.4	97.2	30.0	5.6	76.4
FEMALES— 1989— November	38.6	30.6	69.2	2.2	2.4	71.7	56.3	3.4	56.0
1990— September	38.1	29.9	68.0	2.9	3.7	71.7	53.1	5.1	57.4
October	39.7	28.1	67.8	3.8	4.1	71.9	55.5	5.7	56.4
November	39.4	27.6	67.0	2.2	3.0	70.0	56.3	4.3	55.4
PERSONS— 1989— November	129.6	36.4	166.0	5.5	6.2	172.3	75.6	3.6	69.5
1990— September	130.0	36.6	166.5	6.8	8.3	174.9	79.8	4.8	68.7
October	128.6	34.0	162.6	8.0	8.8	171.4	82.7	5.1	67.5
November	123.7	35.1	158.9	6.7	8.4	167.3	86.3	5.0	66.0
LOWER NORTHERN SYDNEY STATISTICAL REGION									
MALES— 1989— November	73.4	7.6	81.1	* 0.8	* 1.0	82.1	24.1	* 1.2	77.3
1990— September	74.0	6.7	80.6	* 2.7	* 3.4	84.1	22.8	* 4.1	78.7
October	72.7	6.9	79.7	* 2.9	* 3.1	82.8	22.7	* 3.8	78.5
November	74.0	5.3	79.3	* 3.9	4.5	83.8	25.9	5.3	76.4
FEMALES— 1989— November	48.1	22.9	71.0	* 1.7	* 2.7	73.7	44.7	* 3.6	62.3
1990— September	47.9	21.0	69.0	* 1.8	* 2.5	71.5	58.3	* 3.5	55.1
October	44.0	20.9	64.8	* 1.6	* 1.8	66.6	60.4	* 2.7	52.4
November	44.8	21.1	65.9	* 1.3	* 2.0	67.9	62.3	* 3.0	52.2
PERSONS— 1989— November	121.5	30.6	152.1	* 2.5	* 3.7	155.8	68.8	* 2.3	69.4
1990— September	121.9	27.7	149.6	4.4	5.9	155.5	81.1	3.8	65.7
October	116.7	27.8	144.5	4.4	4.9	149.4	83.2	3.3	64.2
November	118.9	26.4	145.3	5.2	6.5	151.7	88.1	4.3	63.3
HORNSBY-KU-RING-GAI STATISTICAL REGION									
MALES— 1989— November	59.3	7.0	66.3	* 0.0	* 0.3	66.6	20.5	* 0.4	76.5
1990— September	53.5	9.1	62.5	* 0.8	* 0.8	63.3	18.6	* 1.2	77.3
October	54.0	6.7	60.8	* 0.7	* 1.5	62.2	20.2	* 2.4	75.5
November	53.2	8.9	62.1	* 1.0	* 1.4	63.5	17.7	* 2.3	78.2
FEMALES— 1989— November	22.5	28.3	50.8	* 0.0	* 0.5	51.3	45.2	* 1.0	53.1
1990— September	21.7	22.7	44.4	* 1.0	* 1.7	46.1	44.8	* 3.8	50.7
October	19.7	21.0	40.7	* 1.5	* 2.8	43.5	45.9	* 6.4	48.7
November	21.7	19.6	41.3	* 0.5	* 1.3	42.6	45.6	* 3.0	48.3
PERSONS— 1989— November	81.8	35.3	117.1	* 0.0	* 0.8	117.9	65.7	* 0.7	64.2
1990— September	75.1	31.8	106.9	* 1.8	* 2.5	109.4	63.4	* 2.3	63.3
October	73.7	27.8	101.5	* 2.2	4.3	105.7	66.0	4.0	61.6
November	74.9	28.5	103.4	* 1.5	* 2.7	106.1	63.3	* 2.6	62.6

TABLE 18. LABOUR FORCE STATUS, STATISTICAL REGIONS OF NSW —continued

Month	Employed			Unemployed			Labour force ('000)	Not in labour force ('000)	Unemployment rate (per cent)	Participation rate (per cent)
	Full-time workers ('000)	Part-time workers ('000)	Total ('000)	'Looking for full-time work ('000)	Total ('000)					
MANLY-WARRINGAH STATISTICAL REGION										
MALES— 1989— November	51.4	5.7	57.1	* 1.0	* 1.0	58.1	19.4	* 1.7	75.0	
1990— September	58.4	3.8	62.2	* 1.3	* 1.6	63.8	22.3	* 2.5	74.1	
October	57.8	3.1	60.9	* 1.2	* 1.6	62.6	22.7	* 2.6	73.4	
November	54.5	4.9	59.4	* 1.0	* 1.2	60.6	22.5	* 2.1	72.9	
FEMALES— 1989— November	25.3	15.6	40.9	* 0.5	* 1.0	41.9	41.6	* 2.4	50.2	
1990— September	27.0	19.5	46.5	* 0.5	* 1.5	48.0	36.6	* 3.1	56.7	
October	29.1	17.5	46.7	* 0.7	* 1.5	48.2	38.2	* 3.1	55.8	
November	31.1	20.8	51.9	* 1.3	* 1.8	53.8	36.6	* 3.4	59.5	
PERSONS— 1989— November	76.8	21.2	98.0	* 1.5	2.0	100.0	61.0	2.0	62.1	
1990— September	85.3	23.3	108.7	1.9	3.1	111.8	58.9	2.8	65.5	
October	87.0	20.6	107.6	1.9	3.2	110.7	60.9	2.9	64.5	
November	85.6	25.7	111.3	2.3	3.1	114.4	59.1	2.7	65.9	
GOSFORD-WYONG STATISTICAL REGION										
MALES— 1989— November	47.6	5.0	52.6	* 3.3	4.0	56.5	29.6	7.0	65.6	
1990— September	47.3	4.2	51.5	4.2	5.0	56.4	24.8	8.8	69.5	
October	47.7	5.6	53.3	4.1	4.4	57.6	25.7	7.5	69.2	
November	52.6	* 3.0	55.6	4.2	4.7	60.3	27.6	7.8	68.6	
FEMALES— 1989— November	19.2	17.7	36.9	* 0.7	* 1.2	38.1	54.9	* 3.1	41.0	
1990— September	20.9	16.2	37.1	* 1.8	4.1	41.1	53.3	9.9	43.5	
October	19.8	14.1	33.9	* 1.3	* 2.5	36.4	55.0	* 6.9	39.8	
November	19.8	18.3	38.1	* 2.7	5.6	43.6	52.9	12.7	45.2	
PERSONS— 1989— November	66.8	22.7	89.5	4.0	5.2	94.7	84.5	5.5	52.8	
1990— September	68.1	20.4	88.5	6.0	9.0	97.6	78.1	9.2	55.5	
October	67.4	19.7	87.1	5.4	6.9	94.0	80.7	7.3	53.8	
November	72.4	21.3	93.7	6.8	10.3	103.9	80.5	9.9	56.4	
HUNTER STATISTICAL REGION										
MALES— 1989— November	125.6	7.4	133.0	10.6	11.3	144.2	55.5	7.8	72.2	
1990— September	129.7	10.1	139.8	10.4	11.3	151.1	53.8	7.5	73.7	
October	127.5	11.2	138.8	8.3	9.8	148.6	51.5	6.6	74.3	
November	129.9	9.0	138.9	9.7	11.1	150.0	52.2	7.4	74.2	
FEMALES— 1989— November	46.6	32.0	78.5	4.8	7.6	86.1	121.1	8.8	41.6	
1990— September	50.0	36.1	86.2	5.0	7.6	93.7	117.1	8.1	44.5	
October	49.3	38.3	87.5	5.8	8.6	96.1	110.8	8.9	46.4	
November	52.9	40.4	93.3	5.5	7.8	101.1	113.2	7.7	47.2	
PERSONS— 1989— November	172.2	39.3	211.5	15.4	18.8	230.3	176.6	8.2	56.6	
1990— September	179.8	46.2	226.0	15.4	18.8	244.8	170.9	7.7	58.9	
October	176.8	49.5	226.3	14.1	18.4	244.7	162.3	7.5	60.1	
November	182.8	49.5	232.2	15.2	18.8	251.1	165.4	7.5	60.3	

TABLE 18. LABOUR FORCE STATUS, STATISTICAL REGIONS OF NSW —continued

Month		Employed		Unemployed		Labour force ('000)	Not in labour force ('000)	Unemployment rate (per cent)	Participation rate (per cent)
		Full-time workers ('000)	Part-time workers ('000)	Total ('000)	Looking for full-time work ('000)				
NEWCASTLE STATISTICAL REGION SECTOR									
MALES—	1989—								
	November	105.3	6.6	111.9	10.3	10.5	122.4	49.9	8.6
	1990—								
	September	107.4	9.0	116.4	8.6	9.6	126.0	46.1	7.6
	October	106.9	9.7	116.6	7.7	9.1	125.7	44.6	7.2
	November	110.2	7.5	117.7	8.9	10.3	128.0	45.4	8.0
FEMALES—	1989—								
	November	41.2	26.5	67.8	4.0	6.3	74.1	104.4	8.5
	1990—								
	September	44.8	28.1	73.0	4.5	7.1	80.0	99.5	8.8
	October	44.2	31.4	75.6	4.7	6.9	82.6	95.5	8.4
	November	47.5	33.6	81.1	4.8	6.5	87.6	96.5	7.4
PERSONS—	1989—								
	November	146.5	33.2	179.7	14.3	16.8	196.5	154.4	8.6
	1990—								
	September	152.2	37.2	189.4	13.2	16.6	206.0	145.6	8.1
	October	151.2	41.1	192.3	12.4	16.0	208.3	140.1	7.7
	November	157.7	41.1	198.8	13.7	16.8	215.6	141.9	7.8
ILLAWARRA AND SOUTH EASTERN STATISTICAL REGIONS									
MALES—	1989—								
	November	123.8	11.1	134.9	8.2	8.9	143.9	55.1	6.2
	1990—								
	September	119.3	9.2	128.5	10.1	11.5	140.0	47.7	8.2
	October	118.5	8.3	126.8	9.6	10.7	137.4	49.2	7.8
	November	116.8	10.8	127.7	11.3	12.9	140.6	49.5	9.2
FEMALES—	1989—								
	November	47.8	33.4	81.2	4.6	6.1	87.2	107.6	7.0
	1990—								
	September	45.2	31.7	76.9	7.7	11.4	88.3	104.8	12.9
	October	44.7	33.7	78.4	7.1	9.6	88.0	108.8	10.9
	November	43.6	35.7	79.3	5.3	8.9	88.2	106.1	10.1
PERSONS—	1989—								
	November	171.6	44.5	216.1	12.8	15.0	231.1	162.6	6.5
	1990—								
	September	164.5	40.9	205.4	17.7	22.9	228.3	152.5	10.0
	October	163.2	42.0	205.2	16.7	20.2	225.4	158.0	9.0
	November	160.4	46.5	206.9	16.6	21.9	228.8	155.5	9.6
ILLAWARRA STATISTICAL REGION									
MALES—	1989—								
	November	79.3	6.0	85.3	7.4	8.1	93.5	40.7	8.7
	1990—								
	September	81.9	4.8	86.7	7.5	8.9	95.6	33.3	9.3
	October	82.0	4.1	86.1	7.4	8.2	94.3	34.5	8.7
	November	81.3	5.3	86.7	8.9	10.5	97.2	35.4	10.8
FEMALES—	1989—								
	November	29.0	23.2	52.2	3.1	4.3	56.5	77.1	7.7
	1990—								
	September	26.8	22.1	48.9	6.4	8.4	57.4	75.4	14.7
	October	27.7	22.9	50.6	5.9	7.4	58.1	77.5	12.8
	November	29.6	23.9	53.4	4.3	6.2	59.6	77.7	10.4
PERSONS—	1989—								
	November	108.3	29.2	137.5	10.5	12.5	150.0	117.8	8.3
	1990—								
	September	108.7	27.0	135.7	13.9	17.3	153.0	108.7	11.3
	October	109.7	27.0	136.8	13.3	15.6	152.4	112.0	10.3
	November	110.9	29.2	140.1	13.1	16.7	156.8	113.1	10.6

TABLE 18. LABOUR FORCE STATUS, STATISTICAL REGIONS OF NSW —continued

Month	Employed			Unemployed			Not in labour force ('000)	Unemployment rate (per cent)	Participation rate (per cent)
	Full-time workers ('000)	Part-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Total ('000)	Labour force ('000)			
WOLLONGONG STATISTICAL REGION SECTOR									
MALES— 1989— November	58.3	4.0	62.3	4.5	5.3	67.6	24.0	7.8	73.8
1990— September	60.0	3.1	63.1	4.5	5.6	68.7	23.0	8.1	74.9
October	62.2	2.5	64.6	5.1	5.6	70.3	24.0	8.0	74.5
November	59.3	4.3	63.6	6.2	7.3	70.8	25.0	10.3	73.9
FEMALES— 1989— November	21.4	15.6	37.1	2.8	3.8	40.9	52.4	9.3	43.8
1990— September	20.8	14.5	35.3	5.6	6.6	41.9	52.9	15.9	44.2
October	21.9	15.4	37.3	4.9	5.9	43.2	54.4	13.6	44.2
November	23.8	13.7	37.6	3.5	4.4	42.0	54.7	10.6	43.4
PERSONS— 1989— November	79.8	19.6	99.3	7.3	9.1	108.4	76.3	8.4	58.7
1990— September	80.8	17.5	98.4	10.1	12.2	110.6	75.9	11.1	59.3
October	84.1	17.8	101.9	10.0	11.5	113.4	78.5	10.1	59.1
November	83.1	18.0	101.1	9.7	11.7	112.8	79.8	10.4	58.6
RICHMOND-TWEED AND MID-NORTH COAST STATISTICAL REGIONS									
MALES— 1989— November	77.5	8.6	86.1	7.7	7.7	93.8	46.5	8.3	66.9
1990— September	72.4	10.4	82.8	11.0	11.8	94.6	52.9	12.5	64.1
October	67.4	12.1	79.4	13.9	14.7	94.2	53.1	15.6	63.9
November	72.6	9.2	81.8	15.2	16.9	98.7	47.6	17.1	67.5
FEMALES— 1989— November	31.7	25.5	57.2	5.2	7.6	64.8	82.4	11.8	44.0
1990— September	30.3	30.4	60.7	9.1	11.5	72.2	84.9	15.9	45.9
October	27.8	26.0	53.8	5.5	9.3	63.1	84.2	14.8	42.8
November	27.9	25.2	53.1	6.6	7.8	60.9	83.9	12.9	42.1
PERSONS— 1989— November	109.1	34.1	143.3	12.9	15.4	158.7	128.9	9.7	55.2
1990— September	102.7	40.8	143.5	20.0	23.3	166.8	137.9	14.0	54.8
October	95.2	38.1	133.2	19.4	24.0	157.3	137.4	15.3	53.4
November	100.4	34.4	134.9	21.9	24.8	159.6	131.5	15.5	54.8
NORTHERN, NORTH WESTERN AND CENTRAL WEST STATISTICAL REGIONS									
MALES— 1989— November	112.0	10.8	122.8	7.0	8.1	130.8	43.5	6.2	75.0
1990— September	115.8	10.5	126.3	7.5	8.5	134.8	38.0	6.3	78.0
October	119.3	8.2	127.5	7.0	8.0	135.5	43.7	5.9	75.6
November	115.5	8.5	124.0	5.9	6.4	130.4	44.2	4.9	74.7
FEMALES— 1989— November	44.2	32.1	76.3	* 3.7	5.3	81.6	90.2	6.5	47.5
1990— September	43.9	39.1	83.0	* 1.9	* 4.1	87.1	81.4	* 4.7	51.7
October	45.2	37.5	82.8	* 1.7	* 3.1	85.9	92.4	* 3.6	48.2
November	46.8	38.8	85.6	* 2.5	4.7	90.3	86.0	5.2	51.2
PERSONS— 1989— November	156.2	42.8	199.0	10.7	13.4	212.4	133.7	6.3	61.4
1990— September	159.7	49.6	209.3	9.4	12.6	221.9	119.4	5.7	65.0
October	164.5	45.7	210.2	8.7	11.1	221.3	136.2	5.0	61.9
November	162.4	47.3	209.6	8.4	11.1	220.7	130.1	5.0	62.9

TABLE 18. LABOUR FORCE STATUS, STATISTICAL REGIONS OF NSW—continued

Month		Employed			Unemployed		Not in labour force ('000)	Unemployment rate (per cent)	Participation rate (per cent)
		Full-time workers ('000)	Part-time workers ('000)	Total ('000)	Looking for full-time work ('000)	Total ('000)			
MURRAY-MURRUMBIDGEE STATISTICAL REGION									
MALES—	1989—November	59.5	6.9	66.4	* 2.1	* 2.3	68.8	20.3	* 3.4
	1990—September	61.8	5.1	66.9	* 2.5	* 3.6	70.5	24.9	* 5.1
	October	63.5	5.2	68.7	* 1.9	* 1.9	70.6	25.8	* 2.7
	November	65.2	5.2	70.4	* 2.1	* 2.1	72.5	23.6	* 2.9
FEMALES—	1989—November	23.4	16.8	40.1	* 2.6	* 3.4	43.5	51.0	* 7.8
	1990—September	24.0	18.6	42.5	* 2.2	* 2.9	45.4	47.4	* 6.4
	October	24.5	19.5	44.0	* 2.0	* 2.7	46.7	48.5	* 5.8
	November	24.2	19.5	43.6	* 2.7	* 3.1	46.8	48.2	* 6.7
PERSONS—	1989—November	82.9	23.7	106.6	4.7	5.7	112.3	71.3	5.1
	1990—September	85.8	23.6	109.4	4.7	6.5	115.9	72.3	5.6
	October	88.0	24.7	112.7	* 3.9	4.6	117.3	74.3	4.0
	November	89.4	24.6	114.0	4.8	5.3	119.2	71.7	4.4

TABLE 19. EMPLOYED PERSONS: AGE, STATISTICAL REGIONS OF NSW ('000)

Region	Age group (years)							
	15 - 24		25 - 34		35 - 54		55 and over	
	November 1989	November 1990	November 1989	November 1990	November 1989	November 1990	November 1989	November 1990
Inner Sydney and Inner Western Sydney (SRs)	39.4	34.2	62.0	73.4	72.8	72.8	17.7	19.6
Inner Sydney (SR)	23.4	20.8	37.4	48.9	46.4	47.4	10.6	11.4
Eastern Suburbs (SR)	21.6	21.4	33.1	27.1	39.3	45.4	15.6	10.3
St George-Sutherland (SR)	43.9	42.2	54.7	51.6	90.5	89.5	20.2	23.3
Canterbury-Bankstown (SR)	33.3	30.1	30.2	38.1	51.1	54.6	17.7	14.0
Fairfield-Liverpool and Outer South Western Sydney (SRs)	45.3	40.9	62.4	58.0	90.8	103.8	11.7	11.3
Fairfield-Liverpool (SR)	26.8	22.7	37.1	37.9	53.6	54.6	7.2	7.4
Central Western Sydney (SR)	28.4	28.3	37.4	34.6	61.0	50.9	11.7	12.0
Outer Western Sydney (SR)	27.9	21.2	38.9	33.0	54.1	58.3	9.4	6.3
Blacktown-Baulkham Hills (SR)	33.6	33.1	39.7	35.3	82.2	78.8	10.5	11.6
Lower Northern Sydney (SR)	31.1	26.6	46.6	40.9	57.4	61.7	17.0	16.1
Hornsby-Ku-ring-gai (SR)	18.2	21.5	23.5	17.6	56.6	48.9	18.9	15.3
Manly-Warringah (SR)	23.4	21.3	21.7	26.1	39.6	54.3	13.3	9.6
Gosford-Wyong (SR)	16.4	19.5	22.2	26.3	44.7	39.9	6.2	7.9
Sydney (MSR)	362.4	340.5	472.3	462.2	740.1	758.9	170.0	157.3
Hunter (SR)	39.8	54.2	61.4	60.0	97.1	98.7	13.3	19.4
Newcastle (SRS)	34.1	49.5	53.5	51.6	81.0	82.5	11.0	15.2
Illawarra and South Eastern (SRs)	49.8	35.7	56.8	62.9	92.2	90.9	17.2	17.3
Illawarra (SR)	31.7	28.1	34.3	39.6	61.0	61.8	10.4	10.7
Wollongong (SRS)	24.1	23.5	24.6	29.1	43.7	41.0	7.0	7.5
Richmond-Tweed and Mid-North Coast (SRs)	25.8	24.5	36.0	31.5	65.8	63.2	15.7	15.6
Northern, North Western and Central West (SRs)	40.9	42.3	48.9	48.2	84.8	89.1	24.4	29.9
Murray-Murrumbidgee (SR)	24.9	21.7	28.6	26.0	41.7	51.0	11.4	15.4
Balence of New South Wales (MSR) (a)	182.6	180.8	236.2	233.2	386.6	398.0	82.8	99.4
NEW SOUTH WALES	545.0	521.3	708.5	695.4	1,126.8	1,156.9	252.7	256.7

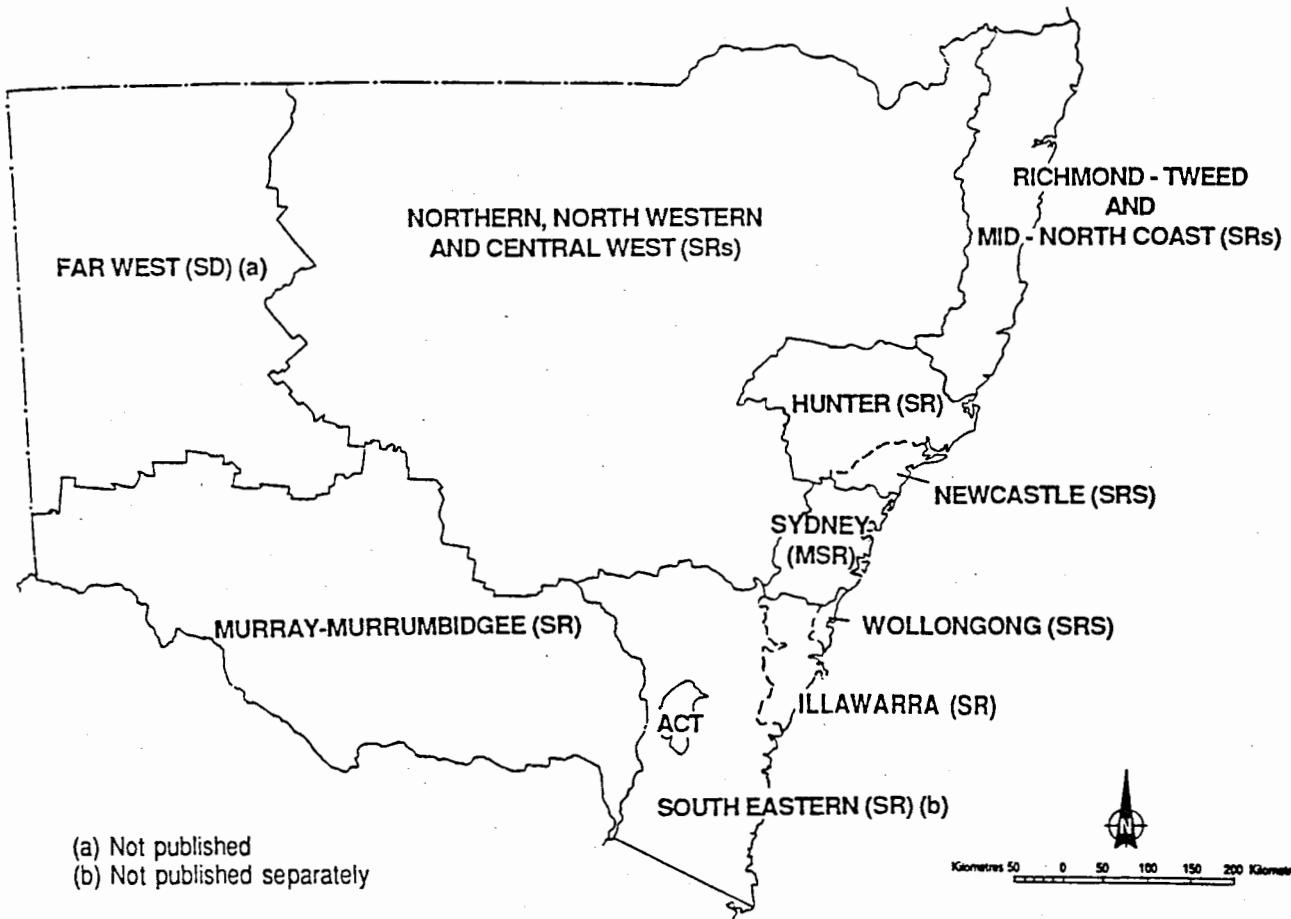
(a) Includes Far West Statistical Division.

TABLE 20. UNEMPLOYED PERSONS: UNEMPLOYMENT RATE BY AGE, STATISTICAL REGIONS OF NSW

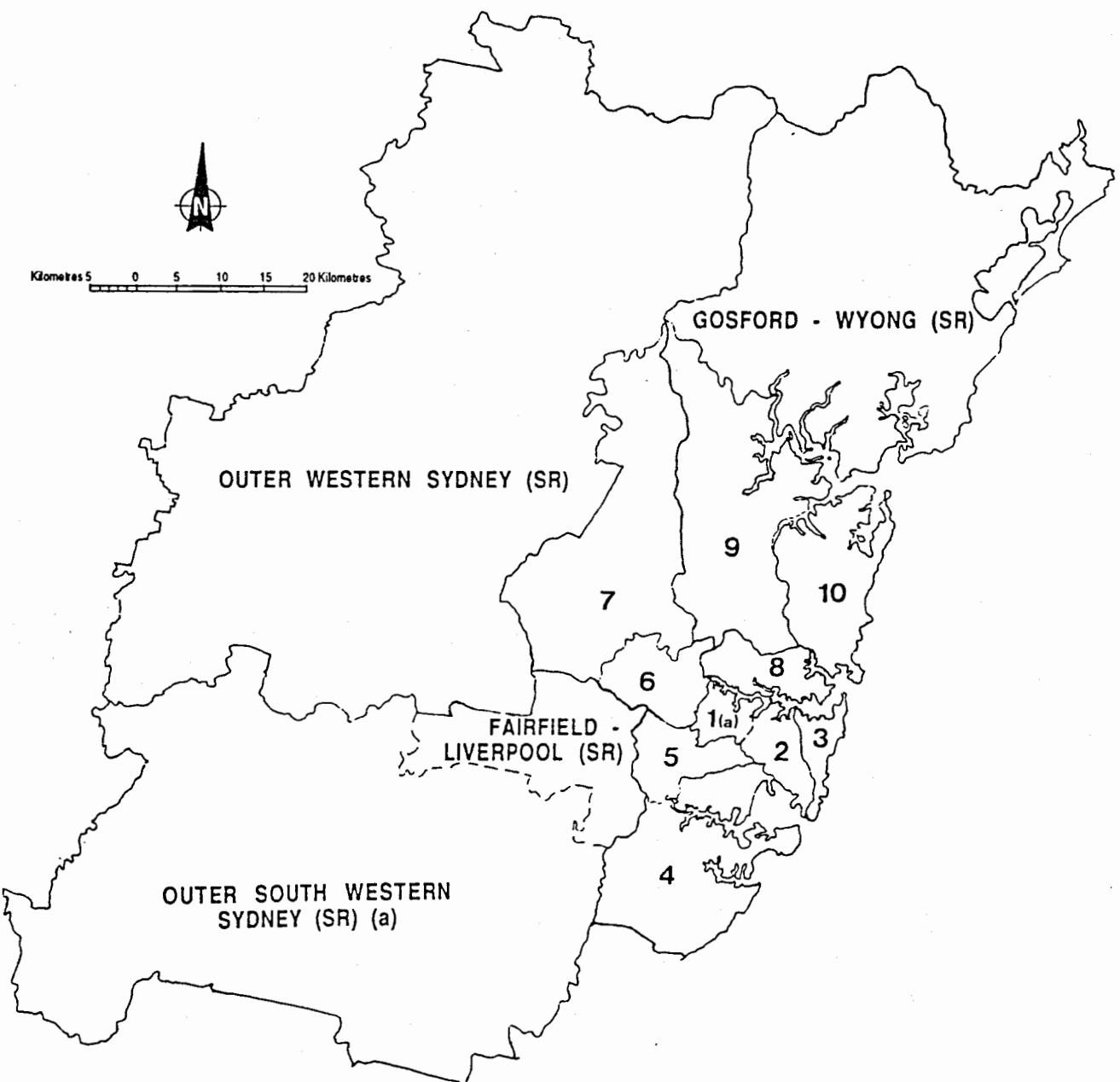
Region	Unemployed persons ('000)				Unemployment rate (per cent)			
	15 - 24		25 and over		15 - 24		25 and over	
	November 1989	November 1990	November 1989	November 1990	November 1989	November 1990	November 1989	November 1990
Inner Sydney and Inner Western Sydney (SRs)	* 3.4	4.1	8.4	8.8	* 8.0	10.6	5.2	5.0
Inner Sydney (SR)	* 2.0	* 2.8	5.9	4.3	* 7.8	* 11.7	5.9	3.9
Eastern Suburbs (SR)	* 2.4	* 1.0	* 2.7	3.5	* 10.1	* 4.7	* 3.0	4.0
St George-Sutherland (SR)	* 0.9	* 2.3	* 2.8	5.4	* 2.1	* 5.2	* 1.7	3.2
Canterbury-Bankstown (SR)	3.1	3.7	3.8	6.3	8.6	11.0	3.7	5.6
Fairfield-Liverpool and Outer South Western Sydney (SRs)	5.6	8.8	13.2	10.4	11.0	17.8	7.4	5.7
Fairfield-Liverpool (SR)	2.9	6.1	7.9	5.7	9.7	21.1	7.4	5.4
Central Western Sydney (SR)	* 2.4	5.5	5.1	7.8	* 7.8	16.3	4.4	7.4
Outer Western Sydney (SR)	* 1.0	* 1.7	3.0	3.1	* 3.5	* 7.6	2.9	3.1
Blacktown-Baulkham Hills (SR)	2.7	4.8	3.6	3.6	7.4	12.6	2.6	2.8
Lower Northern Sydney (SR)	* 1.7	* 1.5	* 2.0	5.0	* 5.2	* 5.2	* 1.6	4.0
Hornsby-Ku-ring-gai (SR)	* 0.0	* 1.0	* 0.8	* 1.7	* 0.0	* 4.4	* 0.8	* 2.1
Manly-Warringah (SR)	* 0.7	* 1.5	* 1.3	* 1.6	* 3.0	* 6.7	* 1.7	* 1.7
Gosford-Wyong (SR)	* 1.9	* 2.5	* 3.3	7.8	* 10.3	* 11.2	* 4.3	9.5
Sydney (MSR)	25.9	38.5	50.0	65.1	6.7	10.2	3.5	4.5
Hunter (SR)	7.8	9.8	11.0	9.0	16.5	15.3	6.0	4.8
Newcastle (SRS)	7.6	8.5	9.2	8.3	18.2	14.6	6.0	5.3
Illawarra and South Eastern (SRs)	5.9	8.4	9.1	13.4	10.6	19.1	5.2	7.3
Illawarra (SR)	4.6	7.2	7.9	9.5	12.6	20.3	7.0	7.8
Wollongong (SRS)	3.5	4.7	5.5	7.0	12.8	16.8	6.9	8.2
Richmond-Tweed and Mid-North Coast (SRs)	* 4.1	10.2	11.3	14.6	* 13.7	29.3	8.8	11.7
Northern, North Western and Central West (SRs)	5.3	* 4.4	8.1	6.8	11.5	* 9.3	4.9	3.9
Murray-Murrumbidgee (SR)	* 2.9	* 2.5	* 2.8	* 2.8	* 10.5	* 10.3	* 3.3	* 2.9
Balance of New South Wales (MSR) (a)	26.4	36.1	42.6	47.1	12.6	16.6	5.7	6.1
NEW SOUTH WALES	52.3	74.6	92.6	112.1	8.8	12.5	4.2	5.0

(a) Includes Far West Statistical Division.

NEW SOUTH WALES STATISTICAL REGIONS



SYDNEY STATISTICAL REGIONS



- 1. INNER WESTERN SYDNEY (SR) (a)
- 2. INNER SYDNEY (SR)
- 3. EASTERN SUBURBS (SR)
- 4. ST GEORGE - SUTHERLAND (SR)
- 5. CANTERBURY - BANKSTOWN (SR)
- 6. CENTRAL WESTERN SYDNEY (SR)
- 7. BLACKTOWN - BAULKHAM HILLS (SR)
- 8. LOWER NORTHERN SYDNEY (SR)
- 9. HORNSBY - KU-RING-GAI (SR)
- 10. MANLY - WARRINGAH (SR)

(a) Not published separately

EXPLANATORY NOTES

The February 1988 issue of this publication contains a more detailed description of the survey and the definitions used. That issue also includes a comprehensive technical note on data reliability.

Introduction

This publication contains estimates of the civilian labour force derived from the labour force survey component of the monthly population survey, which is conducted on a sample basis throughout Australia.

The population survey

2. This survey consists of the labour force survey and, in most months, one or more supplementary topics. The survey is based on a multi-stage area sample of private dwellings (houses, flats, etc.) and non-private dwellings (hotels, motels, etc.) and covers slightly less than one-half of one per cent of the population of New South Wales. The information is obtained from the occupants of selected dwellings by carefully chosen and specially trained interviewers. The interviews are generally conducted during the two weeks beginning on the Monday between the 6th and 12th of each month. The information obtained relates to the week before the interview (i.e. the reference week).

Scope

3. The labour force survey includes all persons aged 15 and over, except:

- (a) members of the permanent defence forces;
- (b) certain diplomatic personnel of overseas governments, customarily excluded from census and estimated populations;
- (c) overseas residents in Australia; and
- (d) members of non-Australian defence forces (and their dependants) stationed in Australia.

Definitions

4. The labour force category to which a person is assigned depends on the actual activity undertaken during the reference week (i.e. whether working, looking for work, etc.). The following definitions, which conform closely to the international standard definitions specified by the International Labour Office (ILO), relate only to those persons within the scope of the survey.

5. *Employed persons* comprise all civilians aged 15 and over who, during the reference week:

- (a) worked for one hour or more for pay, profit, commission or payment in kind (including employees, employers and self-employed persons) in a job or business, or on a farm; or
- (b) worked for one hour or more without pay in a family business or on a farm (i.e. unpaid family helpers); or

(c) were employees who had a job but were not at work and were: on paid leave; on leave without pay for less than four weeks up to the end of the reference week; stood down without pay because of bad weather or plant breakdown at their place of employment for less than four weeks up to the end of the reference week; on strike or locked out; on workers' compensation and expected to be returning to their job; or receiving wages or salary while undertaking full-time study; or

(d) were employers, self-employed persons or unpaid family helpers who had a job, business or farm, but were not at work.

6. Prior to April 1986, unpaid family helpers who worked for 1 to 14 hours were excluded from the category of employed persons.

7. Employed persons can be classified into:

(a) *full-time workers* (i.e. those who usually worked 35 hours or more a week (in all jobs) and others who, although usually part-time workers, worked 35 hours or more during the reference week); and

(b) *part-time workers* (i.e. those who usually worked less than 35 hours a week and who did so during the reference week).

8. *Unemployed persons* are all those aged 15 and over who were not employed during the reference week, and:

(a) had actively looked for full-time or part-time work at any time in the four weeks up to the end of the reference week, and:

(i) were available for work in the reference week, or would have been available except for temporary illness (i.e. lasting for less than four weeks to the end of the reference week); or

(ii) were waiting to start a new job within four weeks from the end of the reference week and would have started in the reference week if the job had been available then; or

(b) were waiting to be called back to a full-time or part-time job from which they had been stood down without pay for less than four weeks up to the end of the reference week (including the whole of the reference week) for reasons other than bad weather or plant breakdown.

9. *Actively looking for work* includes writing, telephoning or applying in person to an employer for work; answering a newspaper advertisement for a job; checking factory or Commonwealth Employment Service notice-

boards; being registered with the Commonwealth Employment Service; checking or registering with any other employment agency; advertising or tendering for work; and contacting friends or relatives.

10. The *unemployment rate* for any group is the number unemployed expressed as a percentage of the labour force (i.e. employed plus unemployed) in the same group.

11. The *labour force* comprises all persons who, during the reference week, were employed or unemployed as defined above.

12. *Persons not in the labour force* are those who, during the reference week, were not in the categories *employed* or *unemployed* as defined above.

13. The *labour force participation rate* for any group is the labour force expressed as a percentage of the civilian population aged 15 and over in the same group.

14. *Duration of unemployment* is the period from the time the person began looking for work or was stood down to the end of the reference week.

15. *Unemployed persons classified by industry and occupation*. Unemployed persons who had worked full-time for two weeks or more in the last two years are classified according to the industry and occupation of their most recent full-time job.

16. *Marital status*. In the labour force survey, persons are classified as *married* or *not married*. Persons are classified as *married* if they are reported as being married (including de facto) and their spouse was a usual resident of the household at the time of the survey.

17. *Persons attending school or a tertiary educational institution*. Persons attending school comprise those aged 15 to 19 who, during the reference week, were enrolled full-time at secondary or high schools (including boarding school pupils). Persons attending a tertiary educational institution comprise those aged 15 to 24 who were enrolled full-time at universities, colleges of advanced education, technical colleges, colleges of technical and further education, and theological colleges.

18. *Industry classification*. The classification of industry is in accordance with the Australian Standard Industrial Classification (ASIC) described in *Australian Standard Industrial Classification, Vol. I — The Classification* (1201.0).

19. *Occupation classification*. Occupation data are presented in accordance with the *Australian Standard Classification of Occupations (ASCO)* (1221.0 and 1222.0).

Statistical areas of New South Wales

20. The statistical regional structure used in tables 18 to 20 is based on the Australian Standard Geographical Classification (ASGC). For further information concerning

statistical areas, please refer to the publications *Regional Statistics, New South Wales* (1304.1) and *Australian Standard Geographical Classification* (1216.0).

Seasonal adjustment and trend estimation

21. Seasonally adjusted and trend estimation series are included in this publication in Table 2. Seasonal adjustment is a means of removing the estimated effects of normal seasonal variation from the series so that the effects of other influences on the series can be more clearly recognised. Seasonal adjustment does not remove the irregular or non-seasonal influences which may be present in any particular month. Influences that are volatile can still make it difficult to interpret the movement of the series even after adjustment for seasonal variation.

22. Smoothing seasonally adjusted series produces a measure of the underlying trend by reducing the impact of the irregular component of the series. The trend estimates are derived by applying a 13-term Henderson-weighted moving average to the respective seasonally adjusted series. While this smoothing technique enables estimates to be produced which include the latest month, it does result in revisions to the most recent months as additional observations become available.

Reliability of the estimates

23. Estimates in this publication are subject to sampling and *non-sampling* errors. The Technical Note at the end of this publication gives information on these sources of error.

Related publications

24. Users may also wish to refer to the following related publications which are available from the ABS Bookshop:

Regional Statistics, New South Wales (1304.1) issued annually

A Guide to Smoothing Time Series — Estimates of 'Trend' (1316.0)

Time Series Decomposition — An Overview (1317.0)

Labour Statistics, Australia (6101.0) issued annually

A Guide to Labour Statistics (6102.0)

The Labour Force, Australia, Preliminary (6202.0) issued monthly

The Labour Force, Australia (6203.0) issued monthly

Employed Wage and Salary Earners, Australia (6248.0) issued quarterly

Information Paper: Labour Force Survey — Sample Design (6269.0)

Information Paper: Labour Force Survey — Measuring Teenage Unemployment (6270.0)

**Technical Paper: The Labour Force, Australia:
Preliminary Data on Floppy Disk — Technical
Details (6271.0)**

Additional data

25. In addition to the labour force survey, the ABS publishes a wide range of supplementary labour market information. For details see page 5 of this publication.

26. A list of the complete range of publications available from the ABS can be obtained from any ABS Office. Access to a wide range of ABS statistics is also available through DISCOVERY *656# and on AUSSTATS, ABS on-line service through PAXUS COMNET. Further information about these services can be obtained from the Sydney ABS Information Service on (02) 268 4611, or from any ABS Office.

27. The ABS can also make available information which is not published. This information may be made available in one or more of the following forms: microfiche, photocopy, data tape, floppy disk, computer printout, clerically-extracted tabulation. In general, a charge is made for providing unpublished information.

Symbols and other usages

n.e.c.	not elsewhere classified
MSR	Major Statistical Region
SR	Statistical Region
SRS	Statistical Region Sector
*	subject to sampling variability too high for most practical purposes. See paragraph 6 of the Technical Note on Data Reliability.

28. Figures have been rounded and discrepancies may occur between sums of the component items and the totals shown.

TECHNICAL NOTE ON DATA RELIABILITY

Sources of error

There are a number of possible sources of error in sample surveys and these can be classified into two types: *sampling error*; and *non-sampling error*.

Non-sampling errors

2. Non-sampling errors may arise as a result of errors in the reporting, recording or processing of the data and can occur even if there is a complete enumeration of the population. Non-sampling errors can be introduced through: inadequacies in the questionnaire; non-response; inaccurate reporting by respondents; errors in the application of survey procedures; incorrect recording of answers; and errors in data entry and processing.

3. It is difficult to measure the size of the non-sampling errors and the extent of these errors could vary considerably in significance from survey to survey, and from question to question. However, every effort is made in the design of the survey and development of survey procedures to minimise the effect of these errors.

Sampling errors

4. Sampling error is the error which occurs by chance because the data were only obtained from a sample, not the entire population.

Standard error of estimates

5. One measure of the variability of estimates which occurs as a result of surveying only a sample of the population is the *standard error* (SE). There are about two chances in three that a survey estimate is within one standard error of the figure that would have been obtained if all persons had been included and about nineteen chances in twenty that it is within two standard errors. That is, there are 19 chances in 20 that the true estimate is in the range —

$$X - 2 \times SE(X) \text{ to } X + 2 \times SE(X)$$

(where X is the estimate)

The standard error of an estimate can be obtained from Table A. Linear interpolation should be used to calculate the standard error of estimates falling between the sizes of estimates listed in the table (see example below Table A).

6. In the tables in this publication, only estimates with relative standard errors of 25 per cent or less, and percentages based on such estimates, are considered sufficiently reliable for most purposes. However, estimates and percentages with larger relative standard errors have been included and are preceded by an asterisk (e.g. *3.4) to indicate they are subject to high standard errors and should be used with caution.

Relative standard errors

7. The standard error can also be expressed as a percentage of the estimate and this is known as the *relative standard error* (RSE). The RSE is determined by dividing the standard error of an estimate $SE(X)$ by the estimate X and expressing it as a percentage. That is,

$$RSE(X) = \frac{SE(X) \times 100}{X}$$

(where X is the estimate)

8. The look up list on the following page provides a guide for the calculation of standard errors and relative standard errors for a range of statistics.

METHODS FOR CALCULATING THE STANDARD ERRORS FOR SELECTED ESTIMATES

<i>Measure of reliability to be determined</i>	<i>Method</i>
Standard errors of estimates of employed persons.	Determine the SE from Table A directly.
Standard errors of estimates of unemployed persons.	Multiply the SE from Table A by 1.06.
Standard errors of estimates of persons not in the labour force.	Multiply the SE from Table A by 1.1.
Standard errors of rates (eg the unemployment rate which is based on the number of unemployed persons expressed as a percentage of the number of persons in the labour force).	Determine the RSE of the numerator (X) and the denominator (Y) then apply the following formula. $\text{RSE } (X/Y) = \sqrt{[\text{RSE}(X)]^2 - [\text{RSE}(Y)]^2}$
Standard error of average duration of unemployment.	Determine the RSE for the number of persons on which the average is based and multiply this by 1.3.
Standard error of median duration of unemployment.	Determine the RSE for the number of persons on which the average is based and multiply this by 2.0.
Standard error of monthly movements.	Using Table B, look up the SE of the larger estimate.
Standard error of quarterly movements.	Determine the standard error of the larger estimate (using Table A) and multiply this by 1.22.
Standard error of annual movements.	Determine the standard error of the larger estimate (using Table A) and multiply this by 1.3.

Linear interpolation

Linear interpolation is used to determine the standard error of an estimate which falls between two values listed in the *size of estimate* column in Tables A or B. Linear interpolation is best described using an example. In November 1990, there were 664,800 (X_e) employed females working full-time in New South Wales. This estimate falls between the values 500,000 (X_l) and 1,000,000(X_u) in Table A.

The standard error of the estimate is determined as follows.

$$\begin{aligned}
 \text{Firstly, calculate } F &= \frac{X_e - X_l}{X_u - X_l} \\
 &= \frac{664,800 - 500,000}{1,000,000 - 500,000} \\
 &= 0.329
 \end{aligned}$$

Secondly, calculate the standard error of the estimate, $\text{SE}(X_e)$ thus,

$$\begin{aligned}
 \text{SE}(X_e) &= \text{SE}(X_l) + F \times [\text{SE}(X_u) - \text{SE}(X_l)] \\
 &= 8,000 + 0.329 \times [10,300 - 8,000] \\
 &= 8,757 \\
 &= 8,800 \quad \text{rounding to the nearest 100}
 \end{aligned}$$

Therefore the standard error of the number of employed females working full-time in New South Wales (664,800) is 8,800.

TABLE A. STANDARD ERRORS OF ESTIMATES, STATISTICAL REGIONS OF NSW

Size of estimate	Statistical regions in Sydney (MSR)							
	NSW; Sydney (MSR); Balance of NSW (MSR)	Inner Sydney and Inner Western Sydney	Inner Sydney	Eastern Suburbs	St George— Sutherland	Canterbury— Bankstown	South Western Sydney	Fairfield— Liverpool and Outer Sydney
								Fairfield— Liverpool
500	380	310	300	270	270	260	300	260
1,000	540	450	440	390	400	370	430	380
3,000	920	810	790	700	710	670	780	680
5,000	1,200	1,050	1,050	930	940	890	1,000	900
10,000	1,600	1,550	1,500	1,350	1,350	1,300	1,500	1,300
20,000	2,200	2,250	2,200	2,000	2,000	1,900	2,150	1,900
50,000	3,250	3,700	3,700	3,300	3,350	3,150	3,550	3,200
100,000	4,300	5,400	5,500	4,900	4,950	4,700	5,100	4,750
200,000	5,700	7,800	8,100	7,300	7,400	7,000	7,500	7,000
300,000	6,600	9,800	10,300	9,200	9,300	8,800	9,300	8,900
500,000	8,000	12,900	13,800	12,400	12,500	11,800	12,300	11,900
1,000,000	10,300	18,800	20,700	18,600	18,800	17,800	18,000	17,900
2,000,000	13,000	27,500	31,200	28,000	28,300	26,700	26,300	27,000
5,000,000	17,600	45,600	53,900	48,300	48,800	46,100	43,600	46,600
Statistical regions in Sydney (MSR) —continued								
	Central Western Sydney	Outer Western Sydney	Blacktown— Baulkham Hills	Lower Northern Sydney	Hornsby— Ku-ring-gai	Manly— Warringah	Gosford— Wyong	
500	280	290	240	330	290	230	300	
1,000	400	410	350	480	420	330	430	
3,000	720	740	630	860	760	600	780	
5,000	950	980	840	1,150	1,000	790	1,050	
10,000	1,400	1,450	1,200	1,650	1,450	1,150	1,500	
20,000	2,050	2,100	1,800	2,400	2,150	1,700	2,200	
50,000	3,400	3,500	3,000	4,050	3,550	2,800	3,650	
100,000	5,000	5,200	4,400	6,000	5,300	4,150	5,400	
200,000	7,500	7,700	6,600	8,900	7,800	6,200	8,100	
300,000	9,400	9,700	8,300	11,200	9,900	7,800	10,200	
Statistical regions in Balance of NSW (MSR)								
	Hunter	Newcastle (SRS)	Illawarra and South Eastern	Illawarra	Wollongong (SRS)	Richmond— Tweed and Mid-North Coast	Northern, North Western and Central West	Murray— Murrumbidgee
500	320	300	300	290	260	330	330	330
1,000	460	440	440	410	380	480	480	470
3,000	820	790	790	740	690	870	860	850
5,000	1,100	1,050	1,050	980	910	1,150	1,150	1,150
10,000	1,550	1,500	1,500	1,400	1,300	1,650	1,650	1,650
20,000	2,300	2,250	2,200	2,050	1,950	2,450	2,450	2,400
50,000	3,750	3,700	3,600	3,350	3,250	4,100	4,050	4,000
100,000	5,500	5,500	5,200	4,900	4,800	6,000	6,000	6,000
200,000	7,900	8,200	7,600	7,100	7,100	9,000	8,900	8,800
300,000	9,900	10,300	9,500	8,900	9,000	11,300	11,200	11,200

TABLE B. STANDARD ERRORS OF MONTH TO MONTH MOVEMENTS,
STATISTICAL REGIONS OF NSW

Size of estimate	NSW; Sydney (MSR); Balance of NSW (MSR)	Statistical regions in Sydney (MSR)							
		Inner Sydney and Inner Western Sydney	Inner Sydney	Eastern Suburbs	St George- Sutherland	Canterbury- Bankstown	South Western Sydney	Fairfield- Liverpool and Outer Sydney	Fairfield- Liverpool
500	490	300	240	230	220	220	270	200	
1,000	630	400	330	320	300	300	360	280	
3,000	940	640	550	530	490	490	570	450	
5,000	1,150	800	690	660	620	620	710	570	
10,000	1,450	1,050	940	900	850	850	950	780	
20,000	1,900	1,450	1,300	1,250	1,150	1,150	1,300	1,050	
50,000	2,600	2,100	1,950	1,850	1,750	1,750	1,900	1,600	
100,000	3,400	2,850	2,650	2,550	2,400	2,400	2,550	2,200	
200,000	4,350	3,800	3,680	3,500	3,300	3,250	3,400	3,000	
300,000	5,000	4,550	4,350	4,200	3,950	3,950	4,050	3,650	
500,000	6,100	5,600	5,500	5,300	4,950	4,950	5,000	4,550	
1,000,000	7,800	7,600	7,500	7,200	6,800	6,800	6,800	6,200	
2,000,000	10,100	10,200	10,300	9,900	9,300	9,300	9,100	8,500	
5,000,000	14,100	15,000	15,600	15,000	14,100	14,000	13,400	12,900	
Statistical regions in Sydney (MSR) —continued									
	Central Western Sydney	Outer Western Sydney	Blacktown- Baulkham Hills	Lower Northern Sydney	Hornsby- Ku-ring-gai	Manly- Warringah	Gosford- Wyong		
500	200	220	230	270	210	190	250		
1,000	270	300	310	370	280	260	340		
3,000	440	490	510	600	460	420	560		
5,000	530	620	640	760	580	530	710		
10,000	690	850	870	1,050	800	730	970		
20,000	760	1,150	1,200	1,400	1,100	1,000	1,300		
50,000	1,450	1,750	1,800	2,150	1,650	1,500	2,000		
100,000	1,600	2,400	2,450	2,950	2,250	2,050	2,750		
200,000	2,150	3,300	3,400	4,000	3,100	2,880	3,750		
300,000	2,950	3,950	4,050	4,800	3,700	3,400	4,500		
Statistical regions in Balance of NSW (MSR)									
	Hunter	Newcastle (SRS)	Illawarra and South Eastern	Illawarra	Wollongong (SRS)	Richmond- Tweed and Mid-North Coast	Northern, North Western and Central West	Murray- Murrumbidgee	
500	290	260	310	310	230	280	310	270	
1,000	400	350	420	420	320	380	420	360	
3,000	630	580	670	670	530	620	700	600	
5,000	780	730	830	830	660	790	880	750	
10,000	1,050	1,000	1,100	1,100	910	1,100	1,200	1,050	
20,000	1,400	1,350	1,500	1,500	1,250	1,450	1,650	1,400	
50,000	2,100	2,050	2,200	2,200	1,850	2,200	2,500	2,150	
100,000	2,800	2,800	3,000	2,950	2,550	3,050	3,400	2,900	
200,000	3,750	3,850	4,000	3,950	3,500	4,150	4,650	4,000	
300,000	4,450	4,650	4,750	4,700	4,200	5,000	5,600	4,800	

**APPENDIX. STATISTICAL REGIONS OF NEW SOUTH WALES:
LABOUR FORCE REGIONS AND THEIR STATISTICAL LOCAL AREAS**

SYDNEY (MSR)	Lower Northern Sydney (SR)
Inner Sydney and Inner Western Sydney (SRs)	Hunter's Hill (M) Lane Cove (M) Mosman (M) North Sydney (M) Ryde (M) Willoughby (C)
Ashfield (M)	
Botany (M)	
Burwood (M)	
Concord (M)	
Drummoyne (M)	
Leichhardt (M)	
Marrickville (M)	
South Sydney (C)	
Strathfield (M)	
Sydney (C) — Inner	
Sydney (C) — Remainder	
Inner Sydney (SR)	Hornsby-Ku-ring-gai (SR)
Botany (M)	Hornsby (S) Ku-ring-gai (M)
Leichhardt (M)	
Marrickville (M)	
South Sydney (C)	
Sydney (C) — Inner	
Sydney (C) — Remainder	
Eastern Suburbs (SR)	Manly-Warringah (SR)
Randwick (M)	Manly (M) Warringah (S)
Waverley (M)	
Woollahra (M)	
St George-Sutherland (SR)	Gosford-Wyong (SR)
Hurstville (C)	Gosford (C) Wyong (S)
Kogarah (M)	
Rockdale (M)	
Sutherland (S)	
Canterbury-Bankstown (SR)	BALANCE OF NEW SOUTH WALES (MSR) (a)
Bankstown (C)	Hunter (SR)
Canterbury (M)	Cessnock (C) Dungog (S) Gloucester (S) Great Lakes (S) Lake Macquarie (C) Maitland (C) Merriwa (S) Murrurundi (S) Muswellbrook (S) Newcastle (C) — Inner Newcastle (C) — Remainder
Fairfield-Liverpool and Outer South Western Sydney (SRs)	Port Stephens (S) Scone (S) Singleton (S)
Camden (M)	
Campbelltown (C)	
Fairfield (C)	
Liverpool (C)	
Wollondilly (S)	
Fairfield-Liverpool (SR)	Newcastle (SRS)
Fairfield (C)	Cessnock (C) Lake Macquarie (C) Maitland (C) Newcastle (C) — Inner Newcastle (C) — Remainder
Liverpool (C)	Port Stephens (S)
Central Western Sydney (SR)	Illawarra and South Eastern (SRs)
Auburn (M)	Bega Valley (S)
Holroyd (M)	Bombala (S)
Parramatta (C)	Boorowa (S)
Outer Western Sydney (SR)	Cooma-Monaro (S)
Blue Mountains (C)	Crookwell (S)
Hawkesbury (C)	Eurobodalla (S)
Penrith (C)	Goulburn (C)
Blacktown-Baulkham Hills (SR)	Gunning (S)
Baulkham Hills (S)	Harden (S)
Blacktown (C)	Kiama (M)
	Mulwaree (S)
	Queanbeyan (C)
	Shellharbour (M)
	Shoalhaven (C)
	Snowy River (S)
	Tallaganda (S)

Wingecarribee (S)	Gilgandra (S)
Wollongong (C)	Glen Innes (M)
Yarrowlumla (S)	Greater Lithgow (C)
Yass (S)	Gunnedah (S)
Young (S)	Guyra (S)
Illawarra (SR)	Inverell (S) — Pt A
Kiama (M)	Inverell (S) — Pt B
Shellharbour (M)	Lachlan (S)
Shoalhaven (C)	Manilla (S)
Wingecarribee (S)	Moree Plains (S)
Wollongong (C)	Mudgee (S)
Wollongong (SRS)	Narrabri (S)
Kiama (M)	Narromine (S)
Shellharbour (M)	Nundle (S)
Wollongong (C)	Oberon (S)
Richmond-Tweed and Mid-North Coast (SRs)	Orange (C)
Ballina (S)	Parkes (S)
Bellingen (S)	Parry (S)
Byron (S)	Quirindi (S)
Casino (M)	Rylstone (S)
Coffs Harbour (C)	Severn (S)
Copmanhurst (S)	Tamworth (C)
Grafton (C)	Tenterfield (S)
Greater Taree (C)	Uralla (S)
Hastings (M)	Walcha (S)
Kempsey (S)	Walgett (S)
Kyogle (S)	Warren (S)
Lismore (C)	Weddin (S)
Lord Howe Island	Wellington (S)
Maclean (S)	Yallaroi (S)
Nambucca (S)	Murray-Murrumbidgee (SR)
Nymboida (S)	Albury (C)
Richmond River (S)	Balranald (S)
Tweed (S) — Pt A	Berrigan (S)
Tweed (S) — Pt B	Carrathool (S)
Ulmarra (S)	Conargo (S)
Northern, North Western and Central West (SRs)	Coolamon (S)
Armidale (C)	Cootamundra (S)
Barraba (S)	Corowa (S)
Bathurst (C)	Culcairn (S)
Bingara (S)	Deniliquin (M)
Bland (S)	Griffith (C)
Blayney (S) — Pt A	Gundagai (S)
Blayney (S) — Pt B	Hay (S)
Bogan (S)	Holbrook (S)
Bourke (S)	Hume (S)
Brewarrina (S)	Jerilderie (S)
Cabonne (S) — Pt A	Junee (S)
Cabonne (S) — Pt B	Leeton (S)
Cabonne (S) — Pt C	Lockhart (S)
Cobar (S)	Murray (S)
Coolah (S)	Murrumbidgee (S)
Coonabarabran (S)	Narrandera (S)
Coonamble (S)	Temora (S)
Cowra (S)	Tumbarumba (S)
Dumaresq (S)	Tumut (S)
Dubbo (C)	Urana (S)
Evans (S) — Pt A	Wagga Wagga (C)
Evans (S) — Pt B	Wakool (S)
Forbes (S)	Wentworth (S)
	Windouran (S)

(a) Includes labour force statistics for those statistical local areas which comprise Far West Statistical Division (Broken Hill (C), Central Darling (S), Unincorporated Far West).

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